

Connectors

New Product Guide

Over 700 new Product Lines

Connectors - Multipole

- Mini CPC – Ideal for applications where size, contact density and environmental exposure are primary concerns
- For more details see page 11



tyco | Amphenol | AMP

Connectors – Power & Mains

- Comprehensive range of IEC inlet Filters, including compact, fused and switched variants
- For more details see pages 18-19



Belling Lee

Connectors – RF Coaxial

- Multicomp MMCX , MCX – Offering 30% reduction in size over SMB/SMC
- For more details see pages 23-24



multicomp

Connectors – Signal

- IEEE1394 – A range of connectors and cable assemblies for speeds up to 400Mbps
- For more details see pages 27-28



molex



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Distribution Centre, Castleton Road, Leeds LS12 2EN.

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European Electronics Distributor of the Year 2003**

This prestigious award was granted by key trade publication, Electronics Weekly.

**Tyco Electronics Award –
Distributor of the Year – UK and Ireland**

Granted for the second time to Farnell InOne by leading edge technology products company, Tyco Electronics.

EPCOS UK Award – Distributor of the Year 2003

Awarded by leading passive component supplier, EPCOS UK.

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All the latest products...

Welcome to issue 2 of our Connectors New Product Guide, focussing on providing you with the best connector ranges from Farnell InOne.

Highlights from this issue include

- **Over 1200 products including over 700 new lines** from 19 suppliers, including
- **Tyco** – Miniature CPC (circular plastic) connectors **exclusive to Farnell InOne**. Ideal for industrial, instrumentation and transportation where size and environmental exposure is of primary concern. **See page 11**
- **Molex** – IEEE1394 industrial connectors offer a new standard of video and audio I/O and USB On-The-Go, enabling mobile devices to exchange data directly without the need from a host PC. **See page 28**
- **Multicomp** – RF connectors. Major price reductions enable you to reduce the cost of your application without compromising on quality. **See pages 21-24**

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...from industry leading manufacturers



Metric Insulated Terminals - DIN 46237



Wire Details	Insulation Colour		
	Red	Blue	Yellow
Wire Size in mm ²	0.25 - 1.65	1.04 - 2.63	2.63 - 6.64
Single Stranded Wire Size Dia. in mm	0.57 - 1.44	1.14 - 1.82	1.82 - 2.89
Equivalent A.W.G.	22 - 16	16 - 14	12 - 10
Equivalent S.W.G.	29 - 17	17 - 13	11 - 6
Suitable Metric Cables			
Stranded	19/0.15	19/0.3	19/0.45
	13/0.2	7/0.5	44/0.3
	16/0.2	21/0.3	7/0.85
	19/0.2	30/0.25	56/0.3
	14/0.25	19/0.335	65/0.3
	24/0.2	63/0.2	37/0.4
	19/0.25	28/0.3	159/0.2
	32/0.2	35/0.3	84/0.3
	40/0.2	51/0.25	7/1.04
	19/0.3		
	Single	1/0.9 1/1.13	1/1.38 1/1.78

AWG=American Wire Gauge SWG=Standard Wire Gauge
Conductor Make up Metric cables i.e. 19/0.15=19 strands of 0.15mm diameter.

CS403

Un-insulated Crimp Terminals

Ring - DIN 46234



334474

Stud Size mm	Mftrs. List No.	Order Code	Price Per Pack		
			1+	5+	10+
0.1 to 0.5mm², (26 to 22 AWG) - 100 Per Pack					
2	GS2-0.5	386-536812	3.35	2.85	2.42
2.5	GS2.5-0.5	386-537012	3.35	2.85	2.42
3	GS3-0.5	386-538112	3.35	2.85	2.42
3.5	GS3.5-0.5	386-539312	3.35	2.85	2.42
4	GS4-0.5	386-540012	3.35	2.85	2.42
5	GS5-0.5	386-541112	3.35	2.85	2.42
0.25 to 1.5mm², (22 to 16 AWG) - 100 Per Pack					
2.5	GS2.5-1	386-542312	3.87	3.29	2.80
3	GS3-1	386-543512	3.87	3.29	2.80
3.5	GS3.5-1	386-544712	3.87	3.29	2.80
4	GS4-1	386-545912	3.87	3.29	2.80
5	GS5-1	386-546012	3.87	3.29	2.80
6	GS6S-1	386-547212	5.78	4.92	4.18
8	GS8-1	386-548412	7.04	5.99	5.09
1 to 2.5mm², (16 to 24 AWG), 100 Per Pack					
3	GS3-2.5	386-549612	6.17	5.24	4.46
3.5	GS3.5-2.5	386-550212	6.17	5.24	4.46
4	GS4-2.5	386-551412	6.17	5.24	4.46
5	GS5-2.5	386-552612	6.17	5.24	4.46
6	GS6-2.5	386-553812	6.79	5.77	4.91
8	GS8-2.5	386-554012	9.00	7.64	6.50
10	GS10-2.5	386-555112	5.79	4.93	4.18
12	GS12-2.5	386-556312	5.79	4.93	4.18
2.5 to 6mm², (12 to 10 AWG) - 50 Per Pack					
4	GS4-6	386-557512	5.32	4.53	3.85
5	GS5-6	386-558712	5.32	4.53	3.85
6	GS6-6	386-559912	5.32	4.53	3.85
8	GS8-6	386-560512	6.79	5.77	4.91
10	GS10-6	386-561712	7.92	6.74	5.73
12	GS12-6	386-562912	7.92	6.74	5.73
6 to 10mm², (8 AWG) - 25 Per Pack					
5	GS5-10	386-563012	3.84	3.27	2.78
6	GS6-10	386-564212	3.84	3.27	2.78
8	GS8-10	386-565412	4.30	3.65	3.10
10	GS10-10	386-566612	5.00	4.25	3.61
12	GS12-10	386-567812	8.99	7.63	6.49
10 to 16mm², (6 AWG) - 25 Per Pack					
5	GS5-16	386-568012	5.47	4.65	3.95
6	GS6-16	386-569112	5.47	4.65	3.95
8	GS8-16	386-570812	6.18	5.25	4.46
10	GS10-16	386-571012	6.98	5.94	5.04
12	GS12-16	386-572112	13.02	11.08	9.41
16 to 25mm², (4 AWG) - 10 Per Pack					
5	GS5-25	386-573312	4.57	3.89	3.31
6	GS6-25	386-574512	4.57	3.89	3.31
8	GS8-25	386-575712	4.57	3.89	3.31
10	GS10-25	386-576912	4.57	3.89	3.31
12	GS12-25	386-577012	7.30	6.20	5.27
16	GS16-25	386-578212	9.54	8.10	6.88

Stud Size mm	Mftrs. List No.	Order Code	Price Per Pack		
			1+	5+	10+
25 to 35mm², (2 AWG) - 10 Per Pack					
6	GS6-35	386-579412	6.08	5.17	4.40
8	GS8-35	386-580012	6.08	5.17	4.40
10	GS10-35	386-581212	6.08	5.17	4.40
12	GS12-35	386-582412	8.32	7.07	6.01
16	GS16-35	386-583612	11.27	9.59	8.15
35 to 50mm², (1/0 AWG) - 5 Per Pack					
6	GS6-50	386-584812	4.57	3.88	3.30
8	GS8-50	386-585012	4.57	3.88	3.30
10	GS10-50	386-586112	4.57	3.88	3.30
12	GS12-50	386-587312	4.90	4.16	3.54
16	GS16-50	386-588512	6.56	5.57	4.74
50 to 70mm², (2/0 AWG) - 5 Per Pack					
6	GS6-70	386-589712	5.81	4.95	4.20
8	GS8-70	386-590312	5.81	4.95	4.20
10	GS10-70	386-591512	5.81	4.95	4.20
12	GS12-70	386-592712	5.81	4.95	4.20
16	GS16-70	386-593912	8.48	7.21	6.13

Ratchet Crimp Tool
Non-insulated Terminals



Ratchet hand crimping tool for use with the following non-insulated cable lugs:
1. 0.1 - 0.5mm² (AWG 26 - 20)
2. 0.5 - 2.5mm² (AWG 22 - 14)
3. 4.0 - 6.0mm² (AWG 12 - 10)
4. 10mm² (AWG 8)

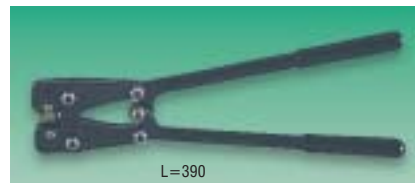


334498

Mftrs. List No.	Order Code	Price Each
WC-0510DIN	390-558512	147.19

Crimp Tool for Copper Tube Terminals

DAVICO



Hexagon crimp

A high quality tool for crimping copper tube terminals with hexagon profile. A revolving die enables wire sizes between 6mm² and 50mm² to be easily crimped with minimal operator force. During the crimping process the solid core wire size is indented in the terminal to verify correct usage, ie, 6, 10, 16, etc. Metal body with black finish and rubber handles.

Mftrs. List No. DHC 50H

CS429X

Order Code	Price Each			
	1+	5+	10+	25+
269-06212	93.25	87.96	79.99	72.04



LTO Series

Push On Terminals



- Push on terminals straight
- Brass, pre tinned



Tab Size	Wire Size	Insulation Ø	Mfrs. List No.	Order Code
6.35 x 0.8mm	0.5 - 1.0mm ²	2.6 - 3.3mm	STO-1.0T-250N	362-543612
6.35 x 0.8mm	1.0 - 2.5mm ²	2.6 - 4.3mm	STO-2.5T-250N	362-544812
4.8 x 0.5mm	0.5 - 1.0mm ²	2.0 - 3.3mm	STO-1.0T-187N-5	362-541212
4.8 x 0.8mm	0.5 - 1.0mm ²	2.0 - 3.3mm	STO-1.0T-187N-8	362-542412
2.8 x 0.8mm	0.5 - 1.0mm ²	1.5 - 3.3mm	STO-1.0T-110N-8	362-539412
2.8 x 0.5mm	0.5 - 1.0mm ²	2.0 - 3.3mm	STO-1.0T-110N-5	362-540012

230253

Order Multiple=100 Mfrs. List No.	Order Code	Price Each			
		100+	500+	1K+	5K+
Push On Terminal					
STO-1.0T-250N	362-543612	0.034	0.032	0.029	0.024
STO-2.5T-250N	362-544812	0.034	0.033	0.029	0.024
STO-1.0T-187N-5	362-541212	0.027	0.024	0.021	0.019
STO-1.0T-187N-8	362-542412	0.027	0.024	0.021	0.019
STO-1.0T-110N-8	362-539412	0.019	0.016	0.012	0.01
STO-1.0T-110N-5	362-540012	0.019	0.016	0.012	0.01
Cover					
2.8mm 01019	362-550312	0.022	0.02	0.015	0.012
4.8mm 4803-187	362-551512	0.022	0.02	0.015	0.012
6.3mm 01022-250	362-552712	0.022	0.02	0.015	0.012

Crimp Terminal Kits

Industrial crimp Kit

Ampliversal



- CRIMPAC Hand Tool and 18 various Connector parts (Some new developments)
- Suitable for the Industrial Electrician
- Double crimping Hand tool crimps both the conductor and insulation support
- Box is robust and constructed of light weight high tensile gray plastic



Kit Contents:		
Description	Manufacturers Part No.	Quantity
PG Butt Splices 0,5-1,6 mm ²	0-0034070-0	40
PG Butt Splices 1,0 - 2,6 mm ²	0-0034071-0	40
PG Butt Splices 2,7 - 6,6 mm ²	0-0034072-0	40
PG Ring Tongue 2,7-6,6 mm ² ; M10	0-0160124-0	40
PG Ring Tongue 0,5-1,6 mm ² ; M5	0-0130014-0	40
PG Ring Tongue 0,5-1,6 mm ² ; M2,6	0-0165004-0	40
PG Pin, Short 0,5-1,6 mm ²	0-0165143-0	40
PG Ring Tongue 1,0-2,6 mm ² ; M5	0-0130102-0	40
PG Spade 2,7-6,6 mm ² ; M4	0-0165015-0	30
PG Spade 1,0-2,6 mm ² ; M5	0-0160171-0	40
PG Spade 1,0-2,6 mm ² ; M4	0-0165012-1	40
PG Ring Tongue 1,0-2,6 mm ² ; M8	0-0160296-0	40
PG Spade 2,7-6,6 mm ² ; M5	0-0165017-0	40
PG Pin, Long 2,7-6,6 mm ²	0-0165085-0	40
PG Pin, Short 1,0-1,6 mm ²	0-0165075-1	40
PIDG Faston Receptacle 0,5-1,6 mm ² ; 4,8x0,8	9-0160481-1	40
PIDG Faston Receptacle 1,0-2,6 mm ² ; 6,3x0,8	9-0160313-2	40
Electro-Tap; 1,0-2,5 mm ²	0-0735398-0	20
CRIMPAC Handtool	0-0825508-5	1

243383

Description	Manufacturers Part Number	Order Code	Price Each	
			1+	+
Industrial Crimp Kit	0-0725923-0	421-767612	114.76	— —

Auto-Repair Crimp Kit



- Intended for Automobile repair and maintenance
- Kit contains SUPERCHAMP Hand Tool and 17 various Solder-free connectors
- Can strip and cut wire as well as crimping terminals
- Box is especially robust and constructed of light weight high tensile plastic



Kit Contents:		
Description	Manufacturers Part Number	Quantity
PG Butt Splices 1,0 - 2,6 mm ²	0-0034071-0	20
PG Butt Splices 2,7 - 6,6 mm ²	0-0034072-0	15
PG Ring Tongue 2,7-6,6 mm ² ; M6	0-0165035-0	15
PG Ring Tongue 0,5-1,0 mm ² ; M4	0-0034148-0	50
PG Ring Tongue 1,0-2,6 mm ² ; M4	0-0034160-0	50
PG Ring Tongue 1,0-2,6 mm ² ; M5	0-0130102-0	50
Female Bullet 5 mm	0-0165400-1	20
Male Bullet 5 mm	0-0160215-0	20
Faston Receptacle fully insulated 1,0-2,5 mm ² ; 6,3x0,8	0-0735160-0	20
PG Ring Tongue 1,0-2,6 mm ² ; M8	0-0160296-0	15
PIDG Faston Receptacle 0,5-1,6 mm ² ; 6,3x0,8	9-0160583-2	50
PIDG Faston Piggy Back receptacle 1,0-2,6 mm ² ; 6,3x0,8	9-0160463-2	50
PIDG Faston Receptacle 1,0-2,6 mm ² ; 6,3x0,8	9-0160313-2	50
PIDG Faston Receptacle 2,7-6,6 mm ² ; 6,3x0,8	0-0160314-2	40
PIDG Faston Receptacle 1,0-2,6 mm ² ; 8,0x0,75	9-0160326-2	20
PIDG Faston Blade terminal 1,0-2,6 mm ² ; 6,3x0,8	0-0140971-2	40
Electro-Tap; 1,0-2,5 mm ²	0-0735398-0	5
SUPER CHAMP Hand Tool	0-0169060-8	1

243381

Description	Manufacturers Part No.	Order Code	Price Each	
			1+	+
Auto-repair Kit	0-0725929-0	421-768812	91.56	— —

5

AMPLISET

Service and repair Crimp Kit



- A Handy , lightweight and practical Service and repair crimp kit
- Contains The Superchamp precision crimp tool and 21 various solderless connectors
- Snap closes to a hand sized package that may be wall mounted



Kit Contents:		
Description	Manufacturers Part Number	Quantity
PG Butt splice 0,5 - 1,6 mm ²	0-0034070-0	7
PG Ring tongue 0,5-1,6 mm ² ; M3	0-0034142-0	3
PG Ring tongue 0,5-1,6 mm ² ; M5	0-0130014-0	3
PG Spade 0,5-1,6 mm ² ; M2,6	0-0165004-0	3
PG Pin, 0,5-1,6 mm ² Short	0-0165143-0	3
PG Pin, 0,5-1,6 mm ² Long	0-0165167-0	2
PG Butt Splice 1,0 - 2,6 mm ²	0-0034071-0	5
PG Ring Tongue 1,0-2,6 mm ² ; M5	0-0130102-0	3
PG Spade 1,0-2,6 mm ² ; M4	0-0034166-0	2
PG Pin, 1,0-2,6 mm ²	0-0165171-1	2
PG Ring Tongue 1,0-2,6 mm ² ; M6	0-0165035-0	2
PG Ring Tongue 1,0-2,6 mm ² ; M8	0-0160296-0	1
PG Spade 2,7-6,6 mm ² ; M5	0-0165017-0	1
PG Pin, 2,7-6,6 mm ²	0-0165085-0	1
PE Nylon End Splice 1,5-6,6 mm ²	0-0328730-0	3
PIDG Faston Receptacle 0,5-1,6 mm ² ; 6,3x0,8	9-0160583-2	3

Crimp Terminal Kits - continued

AMPLISET - continued

Service and repair Crimp Kit - continued

Kit Contents:		
PIDG Faston Receptacle 1,0-2,6 mm ² ; 6,3x0,8	9-0160313-2	2
Faston Receptacle for Tab 1,0-2,6 mm ² ; 6,3x0,8	0-0735159-0	2
Faston Piggy Back Receptacle 1,0-2,6 mm ² ; 6,3x0,8	9-0160463-2	2
PIDG Faston Receptacle 2,7-6,6 mm ² ; 6,3x0,8	0-0160314-2	1
SUPER CHAMP Crimp Tool	0-0169060-8	1

243385

Description	Mfrs Part No.	Order Code	Price Each	
			1+	+
AMPLISET-Service-Kit	0-0725972-0	421-766412	26.36	—

Multipole Circular

MIL-C-26482 Series - Olive

Miniature Bayonet Lock Connectors



CONTACT

The CPT series of miniature bayonet lock connectors are designed to conform to the materials and performance requirements of MIL-C 26482 series 1 specifications. Interchangeability and reliability with other connectors conforming to this specification is assured.

New

Manufacturers List Number	Order Code	Manufacturers List Number	Order Code
CPT02A10-6P	483-549912	CPT06E10-6PSR	483-565712
CPT02A10-7P	483-550512	CPT06E10-7PSR	483-566912
CPT02A12-8P	483-551712	CPT06E12-8PSR	483-567012
CPT02A12-10P	483-552912	CPT06E12-10PSR	483-568212
CPT02A14-12P	483-553012	CPT06E14-12PSR	483-569412
CPT02A14-19P	483-554212	CPT06E14-19PSR	483-570012
CPT02A16-26P	483-555412	CPT06E16-26PSR	483-571212
CPT02A18-32P	483-556612	CPT06E18-32PSR	483-572412
CPT02A10-6S	483-557812	CPT06E10-6SSR	483-573612
CPT02A10-7S	483-558012	CPT06E10-7SSR	483-574812
CPT02A12-8S	483-559112	CPT06E12-8SSR	483-575012
CPT02A12-10S	483-560812	CPT06E12-10SSR	483-576112
CPT02A14-12S	483-561012	CPT06E14-12SSR	483-577312
CPT02A14-19S	483-562112	CPT06E14-19SSR	483-578512
CPT02A16-26S	483-563312	CPT06E16-26SSR	483-579712
CPT02A18-32S	483-564512	CPT06E18-32SSR	483-580312

Specifications

	Size 16 Contacts	Size 20 Contacts
Current Rating	13.0A	7.5A
Wire Range	16 to 20 AWG	20 to 24 AWG
Voltage Rating AC	600V rms	
Voltage Rating DC	700V	
Test Voltage AC	1500V	
Operating Temperature	-55°C to 125°C	

Materials

Housing	Aluminium alloy according to QQ-A-591
Contacts	Copper alloy, Gold plated over nickel
Inserts	High insulation synthetic rubber in accordance with MIL-R-3065

Insulation Resistance $\geq 5 \times 10^5$ MR

335233

Shell No. Size	Contact Contacts	Order Code	1+	10+	25+	50+	250+
Plug - Chassis							
10 6	20	483-549912	8.75	7.44	7.18	6.83	5.97
10 7	20	483-550512	8.97	7.62	7.36	7.00	6.12
12 8	20	483-551712	10.05	8.54	8.24	7.84	6.85
12 10	20	483-552912	11.21	9.53	9.19	8.74	7.64
14 8 (+4)	20 (16)	483-553012	12.13	10.31	9.95	9.46	8.27
14 19	20	483-554212	14.98	12.73	12.28	11.68	10.21
16 26	20	483-555412	17.70	15.05	14.51	13.81	12.08
18 32	20	483-556612	19.91	16.92	16.33	15.53	13.58
Socket - Chassis							
10 6	20	483-557812	10.31	8.76	8.45	8.04	7.03
10 7	20	483-558012	10.97	9.32	9.00	8.56	7.48
12 8	20	483-559112	12.26	10.42	10.05	9.56	8.36
12 10	20	483-560812	12.53	10.65	10.27	9.77	8.55
14 8 (+4)	20 (16)	483-561012	16.62	14.13	13.63	12.96	11.33

Shell No. Size	Contact Contacts	Contact Size	Order Code	1+	10+	25+	50+	250+
Socket - Chassis								
14 19	20		483-562112	20.45	17.38	16.77	15.95	13.94
16 26	20		483-563312	26.82	22.80	21.99	20.92	18.29
18 32	20		483-564512	30.86	26.23	25.31	24.07	21.05
Plug, Cable								
10 6	20		483-565712	17.98	15.28	14.74	14.02	12.26
10 7	20		483-566912	17.93	15.24	14.70	13.99	13.52
12 8	20		483-567012	19.56	16.63	16.04	15.26	14.67
12 10	20		483-568212	20.30	17.26	16.65	15.83	15.21
14 8 (+4)	20 (16)		483-569412	22.83	19.41	18.72	17.81	15.56
14 19	20		483-570012	25.12	21.35	20.60	19.59	17.12
16 26	20		483-571212	26.99	22.94	22.13	21.05	20.45
18 32	20		483-572412	31.60	26.86	25.91	24.65	23.24
Socket, Cable								
10 6	20		483-573612	19.29	16.40	15.82	15.05	14.45
10 7	20		483-574812	19.37	16.46	15.88	15.11	14.53
12 8	20		483-575012	21.15	17.98	17.34	16.50	15.86
12 10	20		483-576112	21.93	18.64	17.98	17.11	16.44
14 8 (+4)	20 (16)		483-577312	25.19	21.41	20.66	19.65	19.03
14 19	20		483-578512	28.79	24.47	23.61	22.46	19.64
16 26	20		483-579712	36.79	31.27	30.17	28.70	25.09
18 32	20		483-580312	42.84	36.41	35.13	33.42	29.21

MIL-C-26482 Series - Nickel

Miniature Bayonet Lock Connectors

The CPT series of Nickel Plated, miniature bayonet lock connectors are designed to conform to the materials and performance requirements of MIL-C 26482 series 1 specifications. Interchangeability and reliability with other connectors conforming to this specification is assured.

CONTACT

New

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
CPT02A10-6PN	483-676512	CPT06E10-6PSRN	483-680712
CPT02A12-10PN	483-677712	CPT06E12-10PSRN	483-681912
CPT02A10-6SN	483-678912	CPT06E10-6SSRN	483-682012
CPT02A12-10SN	483-679012	CPT06E12-10SSRN	483-683212

Specifications

Contacts	Size 20
Current Rating	7.5A
Wire Range	20 to 24 AWG
Voltage Rating AC	600V rms
Voltage Rating DC	700V
Test Voltage AC	1500V
Operating Temperature	-55°C to 125°C

Materials

Housing	Aluminium alloy according to QQ-A-591
Contacts	Copper alloy, Gold plated over nickel
Inserts	High insulation synthetic rubber in accordance with MIL-R-3065

Insulation Resistance $\geq 5 \times 10^5$ MR

335234

Shell No. Size	No. Contacts	Contact Size	Order Code	1+	10+	25+	50+	250+
Plug - Chassis								
10 6	20		483-676512	8.75	7.44	7.18	6.83	5.97
12 10	20		483-677712	11.21	9.53	9.19	8.74	7.64
Socket - Chassis								
10 6	20		483-678912	10.31	8.76	8.45	8.04	7.03
12 10	20		483-679012	12.53	10.65	10.27	9.77	8.55
Plug - Cable								
10 6	20		483-680712	17.98	15.28	14.74	14.02	12.26
12 10	20		483-681912	20.30	17.26	16.65	15.83	15.21
Socket - Cable								
10 6	20		483-682012	19.29	16.40	15.82	15.05	14.45
12 10	20		483-683212	21.93	18.64	17.98	17.11	16.44

MIL-C-5015 Connectors

CONTACT



The CM1 series of connectors derives from the MIL-C-5015 standard, but is different because of its bayonet coupling, which reduces the coupling time and makes the coupling easier when the connector is in an awkward position. Another advantage is the resistance to vibrations because of the three stainless steel wear pins located near the end of the bayonet track of the receptacle.



This series uses the same inserts as the MIL-C-5015 and the VG 95234 and is interchangeable with the latter.

Typical applications include road and rail transport, military vehicles, communication and radar apparatus, cinema and television lighting systems and industrial automation.

Specifications

Table with columns for Contact Rating, Contact Resistance, Wire Size, Voltage Rating, and Test Voltage, with sub-columns for 8, 12, and 16 contacts.

Materials

Table listing materials for Housing, Contacts, Insulator, and Operating Temperature.

Main table listing part numbers, order codes, ratings, and descriptions for various connector models.

335235

Summary table with columns for Shell Size, No. Contacts, Size Contacts, Order Code, and Price Each (1+, 10+, 25+, 50+, 250+).

Table for Plug - Cable connectors, listing part numbers and prices for various configurations.

Table for Socket - Cable connectors, listing part numbers and prices for various configurations.

Table for Plug - Chassis connectors, listing part numbers and prices for various configurations.

Table for Socket - Chassis connectors, listing part numbers and prices for various configurations.

Table for Accessories, listing part numbers, descriptions, and prices.

Multipole Circular - continued

MIL-C-5105 Series - Nickel

Miniature Bayonet Lock Connectors

The CM1 series of Nickel Plated connectors derives from the MIL-C-5015 standard, but is different because of its bayonet coupling, which reduces the coupling time and makes the coupling easier when the connector is in an awkward position. Another advantage is the resistance to vibrations because of the three stainless steel wear pins located near the end of the bayonet track of the receptacle.

This series uses the same inserts as the MIL-C-5015 and the VG 95234 and is interchangeable with the latter.

CONTACT



Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
CM13106A10SL-3PNON	483-684412	CM13102A10SL-3PN	483-690012
CM13106A10SL-4PNON	483-685612	CM13102A10SL-4PN	483-691112
CM13106A14S-6PNON	483-686812	CM13102A14S-6PN	483-692312
CM13106A10SL-3SNON	483-687012	CM13102A10SL-3SN	483-693512
CM13106A10SL-4SNNO	483-688112	CM13102A10SL-4SN	483-694712
CM13106A14S-6SNON	483-689312	CM13102A14S-6SN	483-695912
CM3106F10SL-3N	483-696012	CM3108F10SL-3N	483-699612
CM3106F10SL-4N	483-697212	CM3108F10SL-4N	483-700912
CM3106F14S-6N	483-698412	CM3108F14S-6N	483-701012

Specifications

Contacts	Size 20
Current Rating	7.5A
Wire Range	20 to 24 AWG
Voltage Rating AC	600V rms
Voltage Rating DC	700V
Test Voltage AC	1500V
Operating Temperature	-55°C to 125°C

Materials

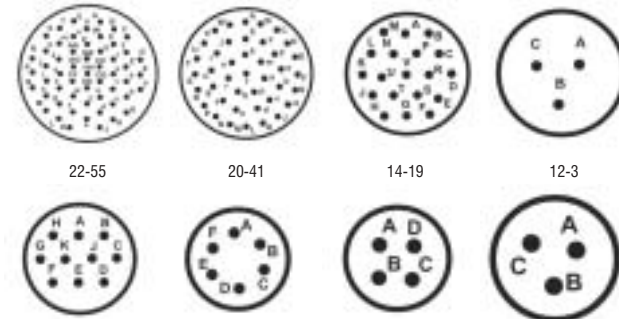
Housing	Aluminium alloy according to QQ-A-591
Contacts	Copper alloy, Gold plated over nickel
Inserts	High insulation synthetic rubber in accordance with MIL-R-3065

Insulation Resistance $\geq 5 \times 10^3$ MR

MIL-C-26482 Series 1
Miniature Sealed Connectors



MIL-C-26482 connectors offer high density contact arrangements in a miniature circular shell. Crimp and solder styles are available which are intermateable with all MIL-C-26482 style connectors.



MS3126F22-55S=390-427112	MS3122E10-6P=390-450712	MS3112E12-10S=390-479912
MS3126F20-41S=390-429512	MS3116F8-4S=390-451912	MS3112E10-6S=390-481712
MS3126F14-19S=390-431312	MS3116F8-3S=390-453212	MS3112E8-4P=390-468412
MS3126F12-3S=390-433712	MS3116F22-55S=390-455612	MS3112E8-3P=390-470212
MS3126F12-10S=390-435012	MS3116F20-41S=390-457012	MS3112E22-55P=390-472612
MS3126F10-6S=390-437412	MS3116F14-19S=390-459312	MS3112E20-41P=390-474012
MS3126F22-55P=390-428312	MS3116F12-3S=390-461112	MS3112E14-19P=390-476312
MS3126F20-41P=390-430112	MS3116F12-10S=390-463512	MS3112E12-3P=390-478712
MS3126F14-19P=390-432512	MS3116F10-6S=390-465912	MS3112E12-10P=390-480512
MS3126F12-3P=390-434912	MS3116F8-4P=390-452012	MS3112E10-6P=390-482912
MS3126F12-10P=390-436212	MS3116F8-3P=390-454412	AF8=890-37612
MS3126F10-6P=390-438612	MS3116F22-55P=390-456812	M22520/1-2=390-483012
MS3122E22-55S=390-439812	MS3116F20-41P=390-458112	MS24256A16=390-484212
MS3122E20-41S=390-441612	MS3116F14-19P=390-460012	MS24256A20=390-485412
MS3122E14-19S=390-443012	MS3116F12-10P=390-464712	MS24256R16=390-486612
MS3122E12-3S=390-445312	MS3116F12-10P=390-464712	MS24256R20=390-487812
MS3122E12-10S=390-447712	MS3116F10-6P=390-466012	KPSE-KIT=390-490812
MS3122E10-6S=390-449012	MS3112E8-4S=390-467212	225-1011-000=390-488012
MS3122E22-55P=390-440412	MS3112E8-3S=390-469612	225-1012-000=390-489112
MS3122E20-41P=390-442812	MS3112E22-55S=390-471412	030-9032-003=390-491012
MS3122E14-19P=390-444112	MS3112E20-41S=390-473812	031-9095-003=390-492112
MS3122E12-3P=390-446512	MS3112E14-19S=390-475112	030-9036-000=390-493312
MS3122E12-10P=390-448912	MS3112E12-3S=390-477512	031-9074-002=390-494512

Specification	Size 16 Contacts	Size 20 Contacts
Current Rating	22A	7.5A
Wire Range	16 to 20 AWG	20 to 24 AWG
Voltage Rating AC	600V rms	
Voltage Rating DC	850V	
Mating Cycles	500	
Operating Temperature	-55°C to 125°C	

Materials

Housing	Aluminium Alloy Olive Drab Chromate finish
Contacts	Copper Alloy, Gold MIL-G-45204 plated
Insulator	Neoprene

Approvals MIL-C-26482 VG 95 328

233516

Shell No.	Contact Size	Contact Size	Order Code	1+	10+	25+	50+	250+
Plug - Cable								
10	2	16	483-684412	10.79	9.17	8.85	8.42	7.36
10	3	16	483-685612	10.22	8.69	8.38	7.97	6.97
14	6	16	483-686812	12.26	10.42	10.05	9.56	8.36
Socket - Cable								
10	2	16	483-688112	10.60	9.01	8.69	8.27	7.23
10	3	16	483-687012	11.39	9.68	9.34	8.88	7.76
14	6	16	483-689312	14.32	12.17	11.74	11.17	9.76
Plug - Chassis								
10	2	16	483-691112	8.46	7.19	6.94	6.60	6.38
10	3	16	483-690012	8.48	7.21	6.95	6.61	6.48
10	6	16	483-692312	10.14	8.62	8.31	7.91	7.71
Socket - Chassis								
10	2	16	483-694712	8.97	7.62	7.36	7.00	6.86
10	3	16	483-693512	9.28	7.89	7.61	7.24	7.09
14	6	16	483-695912	11.69	9.94	9.59	9.12	8.86
Accessories								
10	3	Clamp, Straight	483-696012	7.16	6.09	5.87	5.58	4.88
10	4	Clamp, Straight	483-697212	7.16	6.09	5.87	5.58	4.88
14	6	Clamp, Straight	483-698412	6.68	5.68	5.48	5.21	4.98
10	3	Clamp, Straight	483-699612	13.81	11.74	11.32	10.77	9.41
10	4	Clamp, Straight	483-700912	13.40	11.39	10.99	10.45	9.14
14	6	Clamp, Straight	483-701012	13.47	11.45	11.05	10.51	9.18

Shell No.	Contact Size	Contact Size	Order Code	1+	10+	25+
Straight Plug - Socket Contacts - Crimp						
22	55	20	390-427112	43.80	38.30	36.65
20	41	20	390-429512	38.79	33.91	31.37
14	19	20	390-431312	27.45	26.85	24.97
12	3	16	390-433712	23.55	20.59	19.05
12	10	20	390-435012	23.18	20.26	18.74
10	6	20	390-437412	21.17	18.51	17.13
Straight Plug - Pin Contacts - Crimp						
22	55	20	390-428312	39.50	36.53	29.97
20	41	20	390-430112	40.28	35.21	32.57
14	19	20	390-432512	27.27	23.84	22.05
12	3	16	390-434912	22.12	19.35	17.89
12	10	20	390-436212	23.47	20.52	18.97
10	6	20	390-438612	21.46	18.76	17.36
Panel Mount Receptacle - Socket Contacts - Crimp						
22	55	20	390-439812	33.57	32.56	31.25
20	41	20	390-441612	26.89	25.36	24.53
14	19	20	390-443012	19.90	17.40	16.09
12	3	16	390-445312	16.21	12.76	11.80
12	10	20	390-447712	17.11	14.97	13.84
10	6	20	390-449012	16.21	14.17	13.11





Shell	No.	Contact	Price Each			
Panel Mount Receptacle - Pin Contacts - Crimp						
22	55	20	390-440412	35.51	31.05	28.71
20	41	20	390-442812	39.56	34.61	22.62
14	19	20	390-444112	20.65	18.05	16.71
12	3	16	390-446512	14.66	12.82	11.85
12	10	20	390-448912	17.57	15.36	14.21
10	6	20	390-450712	16.61	14.52	13.43
Straight Plug - Socket Contacts - Solder						
8	4	20	390-451912	23.60	20.63	19.09
8	3	20	390-453212	23.09	20.19	18.67
22	55	20	390-455612	48.92	45.77	44.51
20	41	20	390-457012	78.89	69.04	45.12
14	19	20	390-459312	28.31	24.75	22.90
12	3	16	390-461112	21.91	20.15	19.45
12	10	20	390-463512	22.82	21.50	19.69
10	6	20	390-465912	35.86	31.37	20.51
Straight Plug - Pin Contacts - Solder						
8	4	20	390-452012	40.90	35.79	23.39
8	3	20	390-454412	39.94	34.95	22.84
22	55	20	390-456812	45.93	40.15	37.15
20	41	20	390-458112	79.62	69.66	45.53
14	19	20	390-460012	26.78	23.42	21.65
12	3	16	390-462312	18.66	17.95	17.66
12	10	20	390-464712	23.11	20.20	18.69
10	6	20	390-466012	34.70	30.36	19.84
Panel Mount Receptacle - Socket Contacts - Solder						
8	4	20	390-467212	13.85	12.11	11.20
8	3	20	390-469612	11.11	9.71	8.99
22	55	20	390-471412	68.58	60.00	39.22
20	41	20	390-473812	55.57	48.62	31.78
14	19	20	390-475112	18.99	16.60	15.36
12	3	16	390-477512	23.51	20.57	13.45
12	10	20	390-479912	14.32	12.52	11.58
10	6	20	390-481712	12.58	11.00	10.17
Panel Mount Receptacle - Pin Contacts - Solder						
8	4	20	390-468412	21.84	19.11	12.49
8	3	20	390-470212	20.90	18.28	11.95
22	55	20	390-472612	61.54	53.85	35.20
20	41	20	390-474012	52.68	46.09	30.13
14	19	20	390-476312	16.77	14.67	13.56
12	3	16	390-478712	20.17	17.65	11.54
12	10	20	390-480512	13.62	11.91	11.02
10	6	20	390-482912	12.13	10.61	9.82
Tools						
			Order Code	1+		
Crimp Tool			890-37612	234.05		
Positioner			390-483012	83.81		
Insertion Tool Size 16			390-484212	23.01		
Insertion Tool Size 20			390-485412	23.01		
Extraction Tool Size 16			390-486612	30.49		
Extraction Tool Size 20			390-487812	30.49		
KPSE Complete Crimp Kit			390-490812	443.85		
Wire Hole Fillers				Price Each		
			Order Code	1+	50+	100+
Size 16			390-488012	0.12	0.105	0.095
Size 20			390-489112	0.045	0.04	0.035
Crimp Contacts						
			Order Code	1+	5+	10+
						50+
Size 16 Pin			390-491012	0.48	0.44	0.40
Size 16 Socket			390-492112	0.86	0.79	0.72
Size 20 Pin			390-493312	0.34	0.31	0.28
Size 20 Socket			390-494512	0.46	0.42	0.38

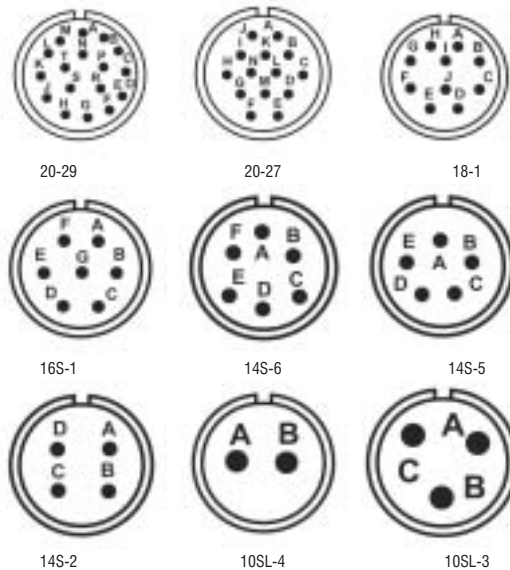
MIL-C-5015 Connectors



MIL-C-5015 connectors are designed and manufactured for extreme conditions but are ideally suited to commercial applications where a low cost rugged connector is required.

- Completely sealed to withstand moisture, condensation, vibration and flashover
- Tinned solder pot termination

Typical applications include aircraft, industrial equipment, medical equipment, transportation, communication, robotics and telecommunications



Specification

Current Rating	13A
Insulation Resistance	≥5000MΩ
Voltage Rating AC	200V rms
Voltage Rating DC	250V
Mating Cycles	100
Operating Temperature	-55°C to 125°C
Wire Range	16 to 20 AWG

Materials

Housing	Aluminium Alloy Olive Drab Chromate finish
Contacts (Size 16)	Brass, Gold MIL-G-45204 plated
Insulator	Neoprene

MS3106F straight plugs mate with MS3102 receptacles

MS3101F cable connecting plugs are used for cable extension requirements where mounting provisions are unnecessary and mate with MS3106F plugs

Mftrs. List No.

MS3106F20-29S=390-501912	MS3102R20-29S=390-519612	MS3101F20-29S=390-537812
MS3106F20-27S=390-503212	MS3102R20-27S=390-521412	MS3101F20-27S=390-539112
MS3106F18-1S=390-505612	MS3102R18-1S=390-523812	MS3101F16S-1S=390-543312
MS3106F16S-1S=390-507012	MS3102R16S-1S=390-525112	MS3101F16S-1S=390-543312
MS3106F14S-6S=390-509312	MS3102R14S-6S=390-527512	MS3101F14S-6S=390-545712
MS3106F14S-5S=390-511112	MS3102R14S-5S=390-529912	MS3101F14S-5S=390-547012
MS3106F14S-2S=390-513512	MS3102R14S-2S=390-531712	MS3101F14S-2S=390-549412
MS3106F10SL-4S=390-515912	MS3102R10SL-4S=390-533012	MS3101F10SL-4S=390-551212
MS3106F10SL-3S=390-517212	MS3102R10SL-3S=390-535412	MS3101F10SL-3S=390-553612
MS3106F20-29P=390-502012	MS3102R20-29P=390-520212	MS3101F20-29P=390-538012
MS3106F20-27P=390-504412	MS3102R20-27P=390-522612	MS3101F20-27P=390-540812
MS3106F18-1P=390-506812	MS3102R18-1P=390-524012	MS3101F16S-1P=390-542112
MS3106F16S-1P=390-508112	MS3102R16S-1P=390-526312	MS3101F16S-1P=390-544512
MS3106F14S-6P=390-510012	MS3102R14S-6P=390-528712	MS3101F14S-6P=390-546912
MS3106F14S-5P=390-512312	MS3102R14S-5P=390-530512	MS3101F14S-5P=390-548212
MS3106F14S-2P=390-514712	MS3102R14S-2P=390-532912	MS3101F14S-2P=390-550012
MS3106F10SL-4P=390-516012	MS3102R10SL-4P=390-534212	MS3101F10SL-4P=390-552412
MS3106F10SL-3P=390-518412	MS3102R10SL-3P=390-536612	MS3101F10SL-3P=390-554812

233517

Multipole Circular - continued

MIL-C-5015 Connectors - continued

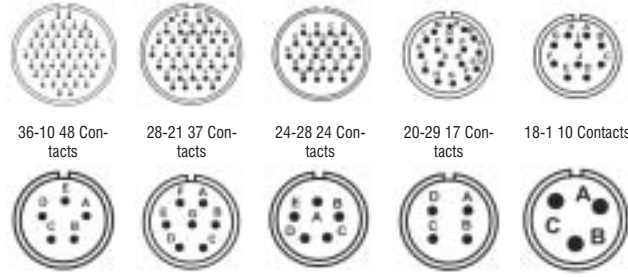
Shell Size	No. Contacts	Order Code	Price Each			
			1+	5+	10+	50+
Free Plug - Socket Contacts						
20	17	390-501912	33.91	29.66	27.42	24.68
20	14	390-503212	31.19	27.27	25.23	22.71
18	10	390-505612	26.76	23.40	21.65	19.49
16	7	390-507012	26.76	23.40	21.65	19.49
14	6	390-509312	17.68	15.46	14.31	12.88
14	5	390-511112	16.86	14.74	13.63	12.27
14	4	390-513512	16.03	14.02	12.96	11.67
10	2	390-515912	14.07	12.31	11.38	10.25
10	3	390-517212	14.93	13.06	12.07	10.87
Free Plug - Pin Contacts						
20	17	390-502012	28.52	24.94	23.06	20.76
20	14	390-504412	26.59	23.25	21.50	19.35
18	10	390-506812	22.91	20.03	18.53	16.68
16	7	390-508112	19.98	17.47	16.16	14.55
14	6	390-510012	16.27	14.23	13.16	11.85
14	5	390-512312	15.65	13.68	12.65	11.39
14	4	390-514712	15.02	13.13	12.14	10.93
10	2	390-516012	13.59	11.88	10.99	9.90
10	3	390-518412	14.20	12.42	11.49	10.35
Panel Mount Receptacle - Socket Contacts						
20	17	390-519612	22.84	19.97	18.47	16.63
20	14	390-521412	20.07	17.55	16.23	14.61
18	10	390-523812	15.89	13.89	12.85	11.57
16	7	390-525112	11.09	9.70	8.97	8.08
14	6	390-527512	9.96	8.71	8.06	7.26
14	5	390-529912	9.13	7.99	7.39	6.66
14	4	390-531712	8.29	7.25	6.71	6.04
10	2	390-533012	7.12	6.22	5.76	5.19
10	3	390-535412	7.96	6.97	6.44	5.80
Panel Mount Receptacle - Pin Contacts						
20	17	390-520212	17.42	15.23	14.09	12.69
20	14	390-522612	15.49	13.54	12.53	11.28
18	10	390-524012	12.05	10.53	9.74	8.77
16	7	390-526312	9.42	8.24	7.62	6.86
14	6	390-528712	8.55	7.47	6.92	6.23
14	5	390-530512	7.93	6.94	6.42	5.78
14	4	390-532912	7.31	6.39	5.91	5.32
10	2	390-534212	6.64	5.80	5.37	4.84
10	3	390-536612	12.66	11.08	7.24	6.52
Cable Connector Plug (Receptacle with no mounting flange) - Socket Contacts						
20	17	390-537812	44.39	38.84	25.38	22.85
20	14	390-539112	42.95	37.58	24.56	22.11
18	10	390-541012	26.48	23.15	21.41	19.27
16	7	390-543312	22.18	19.39	17.94	16.15
14	6	390-545712	18.93	16.55	15.30	13.77
14	5	390-547012	18.10	15.83	14.64	13.18
14	4	390-549412	17.25	15.08	13.95	12.56
10	2	390-551212	15.84	13.85	12.82	11.54
10	3	390-553612	16.68	14.59	13.49	12.15
Cable Connector Plug (Receptacle with no mounting flange) - Pin Contacts						
20	17	390-538012	47.03	41.15	26.90	24.21
20	14	390-540812	45.13	39.49	25.81	23.23
18	10	390-542112	20.48	17.91	16.57	14.92
16	7	390-544512	20.48	17.91	16.65	14.99
14	6	390-546912	17.53	15.33	14.17	12.76
14	5	390-548212	16.92	14.79	13.68	12.32
14	4	390-550012	16.29	14.24	13.17	11.86
10	2	390-552412	15.32	13.39	13.17	11.86
10	3	390-554812	15.96	13.95	12.91	11.62

CA-Bayonet Series MIL-C-5015
Reverse Bayonet Lock



Derived from MIL-C-5015 but uses a positive, quick mating 3-point reverse bayonet lock coupling system. These connectors share the same shell dimensions and contact layouts as MIL-C-5015 threaded connectors but the series are not interchangeable. Completely sealed to withstand moisture, condensation, vibration and flashover across a broad range of wire diameters.

- Allows mating and unmating with simple 120° rotation
- Eliminates cross threading
- Easier mating in cold conditions and confined spaces



36-10 48 Contacts 28-21 37 Contacts 24-28 24 Contacts 20-29 17 Contacts 18-1 10 Contacts
18-11 5 Contacts 16S-1 7 Contacts 14S-5 5 contacts 14S-2 4 Contacts 10SL-3 3 Contacts

Specification	Size 16 Contacts	Size 12 Contacts
Current Rating	22A	41A
Wire Range	16 to 20 AWG	12 to 14 AWG
Voltage Rating AC	200V rms	
Voltage Rating DC	250V	
Mating Cycles	2000	
Operating Temperature	-55°C to 125°C	

Materials	Aluminium Alloy Olive Drab Chromate finish		
Housing	Copper alloy, Gold plated		
Contacts	Neoprene		
Insulator			
CA3106E36-10SB=390-576712	CA3106E14S-5SB=390-590112	CA3102E20-29PB=390-603612	
CA3106E36-10PB=390-577912	CA3106E14S-5PB=390-591312	CA3102E18-1SB=390-604812	
CA3106E28-21SB=390-578012	CA3106E14S-2SB=390-592512	CA3102E18-1PB=390-605012	
CA3106E28-21PB=390-579212	CA3106E14S-2PB=390-593712	CA3102E18-11SB=390-606112	
CA3106E24-28SB=390-580912	CA3106E10SL-3SB=390-594912	CA3102E18-11PB=390-607312	
CA3106E24-28PB=390-581012	CA3106E10SL-3PB=390-595012	CA3102E16S-1SB=390-608512	
CA3106E20-29SB=390-582212	CA3102E36-10SB=390-596212	CA3102E16S-1PB=390-609712	
CA3106E20-29PB=390-583412	CA3102E36-10PB=390-597412	CA3102E14S-5SB=390-610312	
CA3106E18-1SB=390-584612	CA3102E28-21SB=390-598612	CA3102E14S-5PB=390-611512	
CA3106E18-1PB=390-585812	CA3102E28-21PB=390-599812	CA3102E14S-2SB=390-612712	
CA3106E18-11SB=390-586012	CA3102E24-28SB=390-600012	CA3102E14S-2PB=390-613912	
CA3106E18-11PB=390-587112	CA3102E24-28PB=390-601212	CA3102E10SL-3SB=390-614012	
CA3106E16S-1SB=390-588312	CA3102E20-29SB=390-602412	CA3102E10SL-3SB=390-614012	
CA3106E16S-1PB=390-589512			

233518

Shell Size	No. Contacts	Contact Size	Order Code	1+	10+	25+
Straight Plug - 3106 - Socket Contacts						
36	48	16	390-576712	80.74	70.59	65.30
28	37	16	390-578012	61.20	53.52	49.50
24	24	16	390-580912	26.75	23.39	21.64
20	17	16	390-582212	36.49	31.90	29.51
18	10	16	390-584612	29.13	25.47	23.56
18	5	12	390-586012	17.89	15.65	14.47
16	7	16	390-588312	23.71	20.72	19.17
14	5	16	390-590112	18.74	16.38	15.16
14	4	16	390-592512	17.89	15.65	14.47
10	3	16	390-594912	16.95	14.82	13.71
Straight Plug - 3106 - Pin Contacts						
36	48	16	390-577912	67.88	59.35	54.90
28	37	16	390-579212	51.20	44.77	41.41
24	24	16	390-581012	42.47	37.14	34.35
20	17	16	390-583412	30.98	27.09	25.05
18	10	16	390-585812	25.21	22.04	20.39
18	5	12	390-587112	23.31	20.37	18.85
16	7	16	390-589512	22.00	19.23	17.79
14	5	16	390-591312	17.52	15.32	14.17
14	4	16	390-593712	16.88	14.76	13.65
10	3	16	390-595012	16.24	14.20	13.13
Panel Mount Receptacle -3102 - Socket Contacts						
36	48	16	390-596212	57.22	50.03	46.28
28	37	16	390-598612	45.29	39.61	36.63
24	24	16	390-600012	33.18	29.01	26.83
20	17	16	390-602412	23.75	20.76	19.21
18	10	16	390-604812	16.94	14.81	13.70
18	5	12	390-606112	14.14	12.37	11.44

*Terms and conditions apply



Shell Size	No. Contacts	Contact Size	Order Code	Price Each		
				1+	10+	25+
Panel Mount Receptacle -3102 - Socket Contacts						
16	7	16	390-608512	13.08	11.43	10.58
14	5	16	390-610312	10.59	9.26	8.57
14	4	16	390-613912	8.73	7.63	7.07
10	3	16	390-614012	9.48	8.28	7.67
Panel Mount Receptacle -3102- Pin Contacts						
36	48	16	390-597412	44.39	38.81	35.90
28	37	16	390-599812	35.29	30.86	28.54
24	24	16	390-601212	31.60	27.65	18.07
20	17	16	390-603612	18.22	15.93	14.74
18	10	16	390-605012	13.03	11.40	10.53
18	5	12	390-607312	11.10	9.71	8.97
16	7	16	390-609712	11.38	9.26	8.57
14	5	16	390-611512	9.37	8.19	7.58
14	4	16	390-612712	9.75	8.52	7.88
10	3	16	390-615212	8.73	7.63	7.07

"Mini CPC, currently exclusive through Farnell InOne.

Tyco UK/Ireland Distributor of the year 2003

Mini CPC Sealed, 4 and 9 Pole



Ideal for industrial, instrumentation and transportation applications where size, contact density and environmental exposure are primary concerns.

- Nylon housing offers good resistance to wide range of chemicals
- Easy grip 1/4 turn coupling with positive lock
- Anti vibration lock
- Front or rear jam nut mounting
- Fast coupling and uncoupling
- Sealed to IP67



Material Thermoplastic
 Temp Range -55°C to 105°C
 Current Rating 7A, with 18AWG wire
 Working Voltage 600V
 Mating Cycles 500 - gold plated contacts, 50 - tin plated contacts

335230

No. of Ways	Shell Size	Mftrs. List No.	Order Code	Price Each			
				1+	50+	100+	250+
Cable Plug							
4	8	1445390-3	488-953812	1.67	1.50	1.42	1.34
9	11	1445807-3	488-956312	1.75	1.58	1.49	1.40
Receptacle - Panel Mounting							
4	8	1445421-3	488-951412	2.42	2.18	2.06	1.94
9	11	1445816-3	488-954012	2.57	2.31	2.18	2.06
Free Receptacle							
4	8	1445389-3	488-952612	1.80	1.62	1.53	1.44
9	11	1445825-3	488-955112	1.88	1.69	1.60	1.50
Order Multiple = 10							
Wire Size				10+	100+	500+	1K+
AWG	mm ²						
Pin Contacts - Gold Plated							
26 - 22	0.12 - 0.3	170363-3	488-957512	0.22	0.20	0.19	0.18
22 - 18	0.3 - 0.8	170364-3	488-959912	0.22	0.20	0.19	0.18
Pin Contacts - Tin Plated							
22 - 26	0.12 - 0.35	170363-1	133-76012	0.052	0.042	0.04	0.036
18 - 22	0.3 - 0.8	170364-1	133-77212	0.052	0.042	0.04	0.036
Socket Contacts - Gold Plated							
26 - 22	0.12 - 0.3	170365-3	488-958712	0.22	0.20	0.19	0.18
22 - 18	0.3 - 0.8	170366-3	488-960512	0.22	0.20	0.19	0.18
Socket Contacts - Tin Plated							
22 - 26	0.12 - 0.35	170365-1	133-78412	0.052	0.042	0.04	0.036
18 - 22	0.3 - 0.89	170366-1	133-79612	0.052	0.042	0.04	0.036

No. of Shell Mftrs.	Order Multiple = 1	Shell Size	Price Each			
			1+	50+	100+	250+
Cable Clamp						
8	1445730-1	488-961712	1.15	1.04	0.98	0.92
11	1445856-1	488-962912	1.15	1.04	0.98	0.92
Flange Seal						
8	1445420-1	488-963012	0.43	0.39	0.37	0.34
11	1445420-2	488-964212	0.43	0.39	0.37	0.34
Dust Cap						
8	1604089-1	488-965412	0.65	0.59	0.55	0.52
11	1604089-2	488-966612	0.76	0.68	0.65	0.61
Jam Nut						
11	1604196-1	488-967812	0.64	0.58	0.54	0.51
	1445904-1	488-968012	0.55	0.50	0.47	0.44
Crimp Tools						
22 - 26	91529-1	433-987312	319.16	---	---	---
18 - 22	755331-1	133-81412	369.96	---	---	---

Multipole Rectangular

MATE-N-LOK II



Mini universal PCB Receptacle



- Multipole PCB Receptacle
- Polarised to ensure correct Mating
- Pitch 4,14mm
- Contacts accept wire size range 30-16 AWG



Housing Polyamid , UL94V-0
 Dielectric Withstanding Voltage 1500 VAC/VDC
 Current Rating Up to 10.5A per circuit, 2 position
 Isolationswiderstand: 100MΩ
 Durability 25 Mating Cycles
 Temperature Range -20°C To +65°C

239828

No. of Ways	Rows	Mftrs. List No.	Order Code	Price Each		
				1+	100+	250+
Straight						
2	1	770166-1	361-495512	0.54	0.48	0.46
3	1	770170-1	361-496712	0.59	0.53	0.50
4	2	770174-1	361-497912	0.62	0.56	0.53
6	2	770178-1	361-498012	0.69	0.60	0.58
8	2	794065-1	361-499212	0.77	0.69	0.66
9	Matrix	770182-1	361-500512	0.82	0.74	0.70
10	2	770743-1	361-501712	0.95	0.84	0.81
12	2	794066-1	361-502912	1.05	0.94	0.89
12	Matrix	770186-1	361-503012	1.05	0.94	0.89
14	2	794067-1	361-504212	1.16	1.03	0.99
15	Matrix	770190-1	361-505412	1.19	1.06	1.01
16	2	794068-1	361-506612	1.24	1.10	1.06
18	2	794069-1	361-507812	1.33	1.19	1.13
20	2	794070-1	361-508012	1.40	1.25	1.20
22	2	794071-1	361-509112	1.50	1.32	1.27
24	2	794072-1	361-510812	1.61	1.44	1.37
Right Angled						
2	1	770966-1	361-518212	0.66	0.58	0.56
3	1	770967-1	361-519412	0.69	0.60	0.58
4	2	770968-1	361-520012	0.75	0.67	0.63
6	2	770969-1	361-521212	0.93	0.82	0.78
8	2	770970-1	361-522412	1.01	0.90	0.86
10	2	770971-1	361-523612	1.10	0.99	0.94
12	2	770972-1	361-524812	1.15	1.02	0.99
14	2	770973-1	361-525012	1.31	1.15	1.10
16	2	770974-1	361-526112	1.37	1.22	1.16
18	2	794105-1	361-527312	1.53	1.35	1.30
20	2	794106-1	361-528512	1.68	1.50	1.44
22	2	794107-1	361-529712	1.85	1.64	1.57
24	2	794108-1	361-530312	1.94	1.73	1.65

Multipole Rectangular - continued

MATE-N-LOK II

Mini Universal, Dual Row



- Locking Plug and Cap Housing Assemblies
- Dual Row
- Contacts accept wire range 30-16 AWG



Housing Polyamid, UL94V-0
 Contact Resistance 20mΩ
 Dielectric Withstanding Voltage 1500V AC/VDC
 Current Rating Up to 10.5A Per circuit, 2 position
 Insulation Resistance 100MR
 Durability 25 Mating Cycles
 Temperature Range -20°C To +65°C

239847

No. Of Ways	Plug Housing Mftrs List No.	Order Code	Price Each			
			1+	100+	250+	500+
Plug Housing						
8	794192-1	361-477312	1.03	0.92	0.87	0.83
10	794196-1	361-478512	1.08	0.96	0.92	0.87
12	794198-1	361-479712	1.30	1.12	0.99	0.94
14	794202-1	361-480312	1.31	1.13	1.09	1.04
16	794206-1	361-481512	1.33	1.14	1.11	1.06
18	794208-1	361-482712	1.37	1.22	1.16	1.10
20	794210-1	361-483912	1.47	1.31	1.25	1.19
22	794212-1	361-484012	1.54	1.37	1.31	1.25
24	794214-1	361-485212	1.61	1.44	1.37	1.30
Receptacle Housing						
8	794193-1	361-486412	1.09	0.97	0.93	0.88
10	794197-1	361-487612	1.23	1.09	1.05	1.00
12	794199-1	361-488812	1.29	1.14	1.09	1.04
14	794203-1	361-489012	1.35	1.21	1.15	1.09
16	794207-1	361-490612	1.37	1.23	1.18	1.11
18	794209-1	361-491812	1.42	1.27	1.22	1.15
20	794211-1	361-492012	1.47	1.31	1.25	1.19
22	794213-1	361-493112	1.54	1.37	1.31	1.25
25	794215-1	361-494312	1.61	1.44	1.37	1.30

239850

MATE-N-LOK II

Mini Universal Matrix



- Locking Plug and Cap Housing assemblies
- Fully Polarised to ensure correct Mating
- Pins and sockets may be intermixed in the same Housing
- Contacts accept wire size range 30 - 16 AWG



Housing UL94V-0
 Contact Resistance 20mΩ
 Dielectric withstanding Voltage 1500V AC/VDC
 Current rating up to 10.5A Per circuit, 2 position
 Insulation Resistance 100MR
 Durability Up to 25 mating cycles
 Temperature Range -20°C To +65°C

No. of Ways	Mftrs List No.	Order Code	Price Each			
			1+	100+	250+	500+
Plug						
9	794194-1	361-471212	0.95	0.84	0.80	0.76
12	794200-1	361-472412	1.15	1.02	0.98	0.98
15	794204-1	361-473612	1.21	1.07	1.03	1.03
Cap						
9	794195-1	361-474812	1.05	0.94	0.89	0.89
12	794201-1	361-475012	1.28	1.14	1.09	1.09
15	794205-1	361-476112	1.33	1.18	1.13	1.13

MATE-N-LOK II

Mini Universal Crimp Contacts



- Crimp Contacts: Brass, Tin plated
- supplied Loose



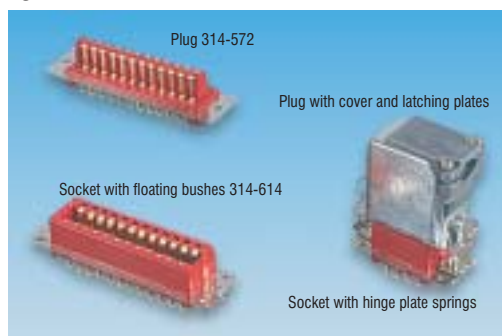
Contact mm ²	Insulation-Ø mm	L mm	Mftrs List No.	Order Code
Pin Contact				
0,05-0,12	0,89-1,27	19,69	794224-1	361-5315
0,12-0,3	1,19-1,75	19,69	794226-1	361-5327
0,3-0,8	1,50-2,39	19,69	794228-1	361-5339
0,5-1,2	2,01-3,20	19,69	794230-1	361-5340
Socket Contact				
0,05-0,12	0,89-1,27	19,69	794225-1	361-5352
0,12-0,3	1,19-1,75	19,69	794227-1	361-5364
0,3-0,8	1,50-2,39	19,69	794229-1	361-5376
0,5-1,2	2,01-3,20	19,69	794231-1	361-5388

239866

Mftrs List No.	Order Code	10+	Price Each 50+	100+
Pin Contact				
794224-1	361-531512	0.073	0.062	0.052
794226-1	361-532712	0.073	0.062	0.052
794228-1	361-533912	0.073	0.062	0.052
794230-1	361-534012	0.073	0.062	0.052
Socket Contact				
794225-1	361-535212	0.073	0.062	0.052
794227-1	361-536412	0.073	0.062	0.052
794229-1	361-537612	0.073	0.062	0.052
794231-1	361-538812	0.073	0.062	0.052
Crimp Tool				
0-0090707-2		1+		
22-18 (0.3-0.8mm ²)	423-251312		679.58	
0-0091522-1				
20-16 (0.5-1.3mm ²)	423-250112		248.61	

Red Range 5A

McMurdo



A range of connectors with a low insertion and withdrawal force, having barrier polarisation of plug relative to socket ensuring that incorrect contact cannot be made during blind insertion. Mouldings in red nylon PF.

Current rating @ 80°C 5A max
 Operating voltage 800V dc
 Breakdown voltage 3.5kV dc/ac peak
 Contact pitch 4.7mm
 Insulation resistance (initially) 100000MΩ max
 Contact resistance (initially) 5mΩ
 Temperature range -40°C to +100°C

Note: All covers are supplied with side entry, but can all be changed to top entry if required.

CM124

No. of Ways	Mftrs. List No.	Order Code	1+	25+	Price Each 50+	100+	250+	500+
Plugs								
8	RP8	314-55912	6.38	5.75	5.60	5.44	5.12	4.41
16	RP16	314-56012	8.73	7.87	7.64	7.45	7.01	6.11
24	RP24	314-57212	11.97	10.78	10.50	10.23	9.59	8.70
32	RP32	314-58412	20.73	15.67	13.84	11.76	10.71	9.30
Sockets with Floating Bushes								
8	RS8	314-59612	7.28	6.56	6.38	6.21	5.83	5.21
16	RS16	314-60212	10.65	9.59	9.33	9.10	8.53	7.70
24	RS24	314-61412	15.17	13.69	13.32	12.94	12.16	10.47
32	RS32	314-62612	24.29	18.97	16.18	13.75	12.50	10.82
Covers								
8	RC108	314-64012	13.15	9.82	8.67	7.37	6.71	5.87
16	RC116	314-65112	14.15	10.56	9.32	7.94	7.22	6.31
24	RC124	314-66312	14.29	10.67	9.43	8.00	7.28	6.38
32	RC132	314-67512	14.76	11.00	9.74	8.27	7.53	6.59



No. of Ways	Mfrs. List No.	Order Code	1+	25+	50+	100+	250+	500+
Hinge Plate Spring								
	RLH	314-68712	0.76	0.58	0.48	0.42	0.38	0.35
Order Multiple=4								
Latching Plates								
	RLL	314-69912	0.42	0.33	0.30	0.24	0.23	0.19

Wire Connectors

Winged Wire Connectors



multicomp



- Colour coded to industry standards
- Designed for ease of use in tight spaces
- Square wire spring provides secure grip on conductor
- Flame retardant thermoplastic shell
- Approvals **UL, CSA**

Voltage Rating 600V
Working Temperature 105°C
Material Thermoplastic, UL94V-2

312009

Wire Size	Order Code	1+	5+	10+
18 To 10,AWG	443-104212	2.18	1.84	1.68
22 To 8,AWG	443-105412	2.73	2.30	2.10
18 To 8,AWG	443-106612	2.75	2.32	2.12
18 To 8,AWG	443-107812	4.10	3.65	3.30
14 To 6,AWG	443-108012	5.70	4.70	4.30

Push In Wire Connectors



multicomp



- Solid wire push in connector
- Flame retardant thermoplastic
- Colour coded
- Approvals **UL, CSA**

Housing Material Thermoplastic UL94V-2
Current Rating 24A
Working Temperature 110 C
Voltage Rating 600V
Wire Range 22 To 12 AWG

Height 9.5mm
Width 10.5mm
Depth 19.5mm

312010

No of Ways	Order Code	10+	50+	100+
2 Red	443-110812	0.074	0.04	0.029
3 Orange	443-111012	0.088	0.048	0.034
4 Yellow	443-112112	0.101	0.055	0.039
5 Grey	443-113312	0.123	0.067	0.048
8 Black	443-114512	0.221	0.121	0.086

0.8mm Pitch

Plugs and Sockets



- Allows horizontal board to board stacking for design flexibility
- Fine pitch surface mount technology
- Board locating pegs on plug
- 10 to 50 way double row
- Polarised housing
- Low profile design

Voltage rating 500Vac
Current rating 0.5A
Dielectric strength Vac
Insulation resistance 50MΩ(250Vdc)
Temperature range -40°C to +105°C
Housing Polyamide UL94V-0
Contacts Phosphor Bronze

Mfrs. List No. Plugs=M60-711XX05P, Sockets=M60-705XX05, where XX=No. of ways

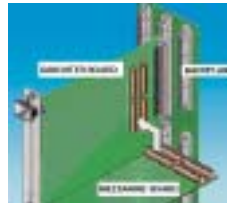
335244

No. of Ways	Order Code	1+	25+	50+	100+	250+
SMT Plugs						
10+10	486-090112	1.49	1.34	1.22	1.08	1.02
15+15	486-091312	1.80	1.62	1.47	1.30	1.23
20+20	486-092512	2.16	1.95	1.77	1.57	1.47
25+25	486-093712	2.47	2.22	2.02	1.79	1.68
30+30	486-094912	2.89	2.60	2.37	2.10	1.97
40+40	486-095012	2.97	2.67	2.43	2.16	2.03
50+50	486-096212	3.36	3.02	2.75	2.44	2.29
SMT Sockets						
10+10	486-097412	1.32	1.19	1.08	0.96	0.90
15+15	486-098612	1.52	1.37	1.25	1.11	1.04
20+20	486-099812	1.71	1.54	1.40	1.24	1.17
25+25	486-100012	1.88	1.69	1.53	1.36	1.28
30+30	486-101212	2.26	2.03	1.85	1.64	1.54
40+40	486-102412	3.28	2.96	2.69	2.38	2.24
50+50	486-103612	3.66	3.29	2.99	2.65	2.49

1.00mm Pitch

IEEE 1386 - Mezzanine

1.00mm (.039") Pitch - Plugs and Receptacles



- Mated heights 8, 9, 10, 11, 12, 13, 14 and 15mm
- 64 circuits
- Leaf style design protects pins
- Antiflux design
- Low insertion force
- High temperature LCP housing for use with reflow solder processes



The IEEE1386 Standard contains the details for adding standardized PCI mezzanine cards to VMEbus and Multibus host boards. There are also many LAN, WAN, telecommunications, PC and workstation users who want a standardized mezzanine scheme, and see the IEEE1386 as the best approach. The fully shrouded leaf-style design minimizes the chance of damaging plug contacts, and our receptacle contacts feature a low mating force that reduces PC board stress. Gold over Nickel contact plating enhances long-term reliability and the UL 94V-0 LCP housings withstand SMT reflow processes. Excellent tolerance absorption allows the connector to be used in combinations of 1-4 mated pairs for up to 256 circuits.

Voltage Rating 100V
Current Rating 1.0A
Contact Resistance 30mR
Withstand Voltage 250V
Insulation Resistance 1000MR
Operating temperature range: -55°C to 85°C
Mating/Unmating Force 25 g Max / 50 g Min - per contact
Contacts Phosphor Bronze Gold plated
Approval UL File No. E29179

335214

Description	Mfrs. List No.	Order Code	1+	10+	50+	250+	500+
Mated Stack Height							
Headers							
8.0mm	714360164	477-130812	3.60	3.40	3.10	2.85	2.60
9.0mm	714361164	477-131012	3.60	3.40	3.10	2.85	2.60
10.0mm	714362164	477-132112	3.60	3.40	3.10	2.85	2.60
Sockets							
8/9/10 mm	714390164	477-133312	3.40	3.22	3.00	2.65	2.45
11/12 mm	714391164	477-134512	3.40	3.22	3.00	2.65	2.45
13 mm	714392164	477-135712	3.40	3.22	3.00	2.65	2.45
14/15 mm	714393164	477-136912	3.40	3.22	3.00	2.65	2.45

1.25/1.27mm Pitch

IL-Z series PCB to Wire Connectors

1.25mm Pitch



IL-Z connectors are designed for wire to board applications. The series includes board mounted headers (straight and RA) and wire terminated socket housings.

- 1.25 mm contact spacing
- 2 to 15 contacts
- SMT and through hole pin headers
- boxed pin header design to prevent mis-mating
- Anti wicking feature

Current Rating	1A	Withstand Voltage	500V AC rms per minute
Insulation Resistance	100MΩ	Insulator	Nylon 6-6 UL94V-0
Operating Temperature	-40°C to 70°C	PCB Thickness	0.6mm to 1.2mm
Contact Resistance	≤20mΩ	Applicable Wire	32AWG to 28AWG
Pitch	1.25mm		

233425

No. Contacts	Mfrs. List No.	Order Code	Price Each		
			1+	100+	250+
Pin Header - SMT - Right Angle					
2	IL-Z-2PL-SMTY	388-700512	0.23	0.21	0.187
3	IL-Z-3PL-SMTY	388-701712	0.25	0.23	0.21
4	IL-Z-4PL-SMTY	388-702912	0.28	0.26	0.24
5	IL-Z-5PL-SMTY	388-703012	0.30	0.28	0.25
6	IL-Z-6PL-SMTY	388-704212	0.31	0.29	0.26
7	IL-Z-7PL-SMTY	388-705412	0.32	0.30	0.28
8	IL-Z-8PL-SMTY	388-706612	0.33	0.31	0.29
9	IL-Z-9PL-SMTY	388-707812	0.34	0.33	0.30
10	IL-Z-10PL-SMTY	388-708012	0.36	0.34	0.31
11	IL-Z-11PL-SMTY	388-709112	0.37	0.35	0.32
12	IL-Z-12PL-SMTY	388-710812	0.38	0.37	0.34
13	IL-Z-13PL-SMTY	388-711012	0.40	0.38	0.36
14	IL-Z-14PL-SMTY	388-712112	0.41	0.40	0.37
15	IL-Z-15PL-SMTY	388-713312	0.42	0.41	0.38

Pin Header - Through Hole - Straight

2	IL-Z-2P-S125T3-E	388-714512	0.104	0.104	0.083
3	IL-Z-3P-S125T3-E	388-715712	0.114	0.104	0.094
4	IL-Z-4P-S125T3-E	388-716912	0.125	0.114	0.104
5	IL-Z-5P-S125T3-E	388-717012	0.135	0.125	0.114
6	IL-Z-6P-S125T3-E	388-718212	0.146	0.135	0.125
7	IL-Z-7P-S125T3-E	388-719412	0.156	0.146	0.135
8	IL-Z-8P-S125T3-E	388-720012	0.177	0.156	0.146
9	IL-Z-9P-S125T3-E	388-721212	0.198	0.177	0.156
10	IL-Z-10P-S125T3-E	388-722412	0.22	0.198	0.177
11	IL-Z-11P-S125T3-E	388-723612	0.23	0.21	0.187
12	IL-Z-12P-S125T3-E	388-724812	0.24	0.22	0.198
13	IL-Z-13P-S125T3-E	388-725012	0.26	0.25	0.23
14	IL-Z-14P-S125T3-E	388-726112	0.27	0.25	0.23
15	IL-Z-15P-S125T3-E	388-727312	0.29	0.28	0.25

Pin Header - Through Hole - RA

2	IL-Z-2P-S125L3-E	388-728512	0.104	0.104	0.083
3	IL-Z-3P-S125L3-E	388-729712	0.114	0.104	0.094
4	IL-Z-4P-S125L3-E	388-730312	0.125	0.114	0.104
5	IL-Z-5P-S125L3-E	388-731512	0.135	0.125	0.114
6	IL-Z-6P-S125L3-E	388-732712	0.146	0.135	0.125
7	IL-Z-7P-S125L3-E	388-733912	0.156	0.146	0.135
8	IL-Z-8P-S125L3-E	388-734012	0.177	0.156	0.146
9	IL-Z-9P-S125L3-E	388-735212	0.198	0.177	0.156
10	IL-Z-10P-S125L3-E	388-736412	0.22	0.198	0.177
11	IL-Z-11P-S125L3-E	388-737612	0.23	0.21	0.187
12	IL-Z-12P-S125L3-E	388-738812	0.24	0.22	0.198
13	IL-Z-13P-S125L3-E	388-739012	0.26	0.25	0.23
14	IL-Z-14P-S125L3-E	388-740612	0.27	0.25	0.23
15	IL-Z-15P-S125L3-E	388-741812	0.29	0.28	0.25

Socket Housing

2	IL-Z-2S-S125C3	388-742012	0.073	0.062	0.062
3	IL-Z-3S-S125C3	388-743112	0.083	0.073	0.062
4	IL-Z-4S-S125C3	388-744312	0.083	0.083	0.073
5	IL-Z-5S-S125C3	388-745512	0.094	0.083	0.073
6	IL-Z-6S-S125C3	388-746712	0.104	0.094	0.083
7	IL-Z-7S-S125C3	388-747912	0.114	0.114	0.094
8	IL-Z-8S-S125C3	388-748012	0.125	0.114	0.094
9	IL-Z-9S-S125C3	388-749212	0.135	0.125	0.104
10	IL-Z-10S-S125C3	388-750912	0.146	0.125	0.104
11	IL-Z-11S-S125C3	388-751012	0.156	0.135	0.114
12	IL-Z-12S-S125C3	388-752212	0.177	0.156	0.135
13	IL-Z-13S-S125C3	388-753412	0.187	0.166	0.146
14	IL-Z-14S-S125C3	388-754612	0.21	0.198	0.166
15	IL-Z-15S-S125C3	388-755812	0.23	0.21	0.187

No. Contacts	Mfrs. List No.	Order Code	Price Each		
			1+	100+	250+
Tools					
Crimp Tool	CT150-4C-ILZ	388-757112		463.36	
Ext Tool	ET-ILZ	388-759512		13.52	
Price Per Pack (100)					
Contacts			1+	5+	10+
28-32 AWG	IL-Z-C3-A-15000	388-756012	2.37	2.15	1.98

TX14/TX15 Board to Board Series

1.27mm Pitch



Leaf type contact design provides superior reliability and resistance to twisting

- 1.27mm contact spacing
- Through hole type for PCB/PCB application
- High density configuration for space saving
- First mate last break contacts
- 12mm stacking height
- Polarized to prevent mismatching

Current Rating	0.5A
Insulation Resistance	100MΩ
Operating Temperature	-40°C to 80°C
Contact Resistance	≤40mΩ
Pitch	1.27mm
Withstand Voltage	500V rms per minute

233419

No. Contacts	Mfrs. List No.	Order Code	Price Each		
			1+	100+	250+
Right Angle Receptacle					
30	TX14-30R-LT-MH1	388-760112	1.62	1.48	1.35
40	TX14-40R-LT-MH1	388-761312	1.72	1.56	1.44
50	TX14-50R-LT-MH1	388-762512	2.18	1.99	1.82
60	TX14-60R-LT-MH1	388-763712	2.55	2.32	2.13
70	TX14-70R-LT-MH1	388-764912	3.05	2.77	2.54
80	TX14-80R-LT-MH1	388-765012	3.43	3.12	2.86
100	TX14-100R-LT-MH1	388-766212	3.80	3.45	3.16
120	TX14-120R-LT-MH1	388-767412	4.57	4.15	3.81
Right Angle Plug					
30	TX15-30P-LT-MH1	388-768612	1.62	1.48	1.35
40	TX15-40P-LT-MH1	388-769812	1.72	1.56	1.44
50	TX15-50P-LT-MH1	388-770412	2.18	1.99	1.82
60	TX15-60P-LT-MH1	388-771612	2.55	2.32	2.13
70	TX15-70P-LT-MH1	388-772812	3.05	2.77	2.54
80	TX15-80P-LT-MH1	388-773012	3.43	3.12	2.86
100	TX15-100P-LT-MH1	388-774112	3.80	3.45	3.16
120	TX15-120P-LT-MH1	388-775312	4.57	4.15	3.81
Straight Receptacle					
30	TX14-30R-6ST-MH1	388-776512	1.15	1.05	0.97
40	TX14-40R-6ST-MH1	388-777712	1.24	1.12	1.03
50	TX14-50R-6ST-MH1	388-778912	1.42	1.30	1.19
60	TX14-60R-6ST-MH1	388-779012	1.71	1.55	1.42
70	TX14-70R-6ST-MH1	388-780712	2.10	1.91	1.75
80	TX14-80R-6ST-MH1	388-781912	2.38	2.16	1.99
100	TX14-100R-6ST-MH1	388-782012	2.66	2.42	2.23
120	TX14-120R-6ST-MH1	388-783212	3.18	2.90	2.65
Straight Plug					
30	TX15-30P-6ST-MH1	388-784412	1.15	1.05	0.97
40	TX15-40P-6ST-MH1	388-785612	1.24	1.12	1.03
50	TX15-50P-6ST-MH1	388-786812	1.42	1.30	1.19
60	TX15-60P-6ST-MH1	388-787012	1.71	1.55	1.42
70	TX15-70P-6ST-MH1	388-788112	2.10	1.91	1.75
80	TX15-80P-6ST-MH1	388-789312	2.38	2.16	1.99
100	TX15-100P-6ST-MH1	388-790012	2.66	2.42	2.23
120	TX15-120P-6ST-MH1	388-791112	3.18	2.90	2.65

2.00mm Pitch

2.0mm Datamate
SMT / Crimp



- Suitable for board to board, board to wire and wire to wire applications
- Four leaf beryllium copper contact suitable for high speed data transmission
- Fully shrouded contacts
- Polarised mouldings
- Latched versions for additional strain relief
- Location pegs on SMT connectors
- Crimp contacts are rear insertable and replaceable

Specification

Current Rating	3.3A at 25°C
Working Voltage	120V dc or ac peak
Contact Resistance	25 mΩ max
Insulation Resistance	100MΩ min at 500V dc
Proof Voltage	360V dc or ac peak
Mating Cycles	500
Housing Mat	Thermoplastic GF UL94V-0
Contact Material	Female - Brass shell beryllium copper inner contact Male - Brass
Contact Plating	Gold
Large Bore	22 AWG BS3G210 Type A
Small Bore	28-24 AWG BS3G210 Type A

233270

No Ways	Mftrs. List No.	Order Code	1+	10+	50+
Plug Vertical SMT					
8	M80-6460805P	390-663212	2.34	2.11	1.90
10	M80-6461005P	390-664412	2.70	2.43	2.19
12	M80-6461205P	390-665612	3.09	2.78	2.50
14	M80-6461405P	390-666812	3.47	3.13	2.82
16	M80-6461605P	390-667012	3.81	3.42	3.08
18	M80-6461805P	390-668112	4.17	3.75	3.38
20	M80-6462005P	390-669312	4.58	4.12	3.71
Plug Vertical SMT Locking Latch					
8	M80-6470805P	390-670012	2.80	2.52	2.27
10	M80-6471005P	390-671112	3.16	2.84	2.56
12	M80-6471205P	390-672312	3.55	3.19	2.87
14	M80-6471405P	390-673512	3.93	3.54	3.18
16	M80-6471605P	390-674712	4.26	3.84	3.45
18	M80-6471805P	390-675912	4.63	4.16	3.74
20	M80-6472005P	390-676012	5.03	4.53	4.08
Plug Vertical SMT Friction Latch					
8	M80-6480805P	390-677212	2.86	2.57	2.32
10	M80-6481005P	390-678412	3.21	2.89	2.60
12	M80-6481205P	390-679612	3.60	3.23	2.91
14	M80-6481405P	390-680212	3.98	3.59	3.22
16	M80-6481605P	390-681412	4.32	3.89	3.49
18	M80-6481805P	390-682612	4.68	4.21	3.80
20	M80-6482005P	390-683812	5.09	4.58	4.12
Socket Vertical SMT					
8	M80-6970805P	390-684012	4.15	3.74	3.37
10	M80-6971005P	390-685112	4.98	4.49	4.04
12	M80-6971205P	390-686312	5.81	5.24	4.71
14	M80-6971405P	390-687512	6.65	5.98	5.39
16	M80-6971605P	390-688712	7.51	6.75	6.08
18	M80-6971805P	390-689912	8.35	7.52	6.76
20	M80-6972005P	390-690512	9.18	8.27	7.44
Male Crimp Plugs					
Plug Crimp Small Bore Locking Latch					
8	M80-8120805	390-691712	2.27	2.05	1.84
10	M80-8121005	390-692912	2.68	2.41	2.17
12	M80-8121205	390-693012	3.09	2.79	2.51

No Ways	Mftrs. List No.	Order Code	Price Each		
			1+	10+	50+
Plug Crimp Large Bore Locking Latch					
8	M80-8130805	390-694212	1.78	1.60	1.44
10	M80-8131005	390-695412	2.05	1.84	1.66
12	M80-8131205	390-696612	2.33	2.09	1.88
Plug Crimp Small Bore Friction Latch					
8	M80-8160805	390-697812	2.33	2.09	1.88
10	M80-8161005	390-698012	2.74	2.46	2.22
12	M80-8161205	390-699112	3.15	2.83	2.55
Plug Crimp Large Bore Friction Latch					
8	M80-8170805	390-700412	1.78	1.60	1.44
10	M80-8171005	390-701612	2.05	1.84	1.66
12	M80-8171205	390-702812	2.33	2.09	1.88
Crimps					
Large Bore	M80-0400005	390-703012	0.135	0.125	0.114
Small Bore	M80-0410005	390-704112	0.21	0.187	0.166
Tooling					
Crimp Tool	M22520-02-01	105-83712	233.66		
Positioner	T5747F	495-94312	65.00		
Ins/Ext Tool	Z80-250	390-705312	97.76		
Separator	T5746F	495-96712	20.00		

2.00mm Pitch Headers -SMT

Pin Headers - 90°
Gold Plated, SIL and DIL



Pitch = 2mm

Mftrs. List No. Single row=M22-533xx05, Double row=M22-543xx05, where xx=No. of ways

Contact rating	1A	Housings	Nylon 6T UL94V-0
Contact resistance	20mΩ	Contacts	Phosphor Bronze
Proof voltage	500V rms	Plating	Gold
Insulation resistance	5000MΩ		
Temperature range	-40°C to +105°C		

335246

No. of Ways	Order Code	Price Each				
		10+	50+	100+	500+	1K+
Single Row						
Order Multiple = 10						
3	486-104812	0.21	0.19	0.17	0.15	0.14
4	486-105012	0.28	0.25	0.23	0.20	0.19
5	486-106112	0.35	0.32	0.29	0.25	0.24
6	486-107312	0.42	0.38	0.35	0.31	0.29
8	486-108512	0.56	0.51	0.46	0.41	0.38
10	486-109712	0.70	0.63	0.57	0.51	0.48
12	486-110312	0.84	0.76	0.69	0.61	0.57
Order Multiple = 1						
20	486-111512	1.40	1.26	1.15	1.02	0.96
25	486-112712	1.76	1.58	1.44	1.27	1.20
Double Row						
Order Multiple = 10						
3+3	486-113912	0.42	0.38	0.34	0.30	0.28
4+4	486-114012	0.56	0.50	0.46	0.41	0.38
5+5	486-115212	0.70	0.63	0.57	0.51	0.48
6+6	486-116412	0.84	0.76	0.69	0.61	0.58
Order Multiple = 1						
8+8	486-117612	1.12	1.01	0.92	0.81	0.76
10+10	486-118812	1.40	1.26	1.15	1.02	0.96
12+12	486-119012	1.69	1.52	1.38	1.23	1.15
20+20	486-120612	2.81	2.53	2.30	2.04	1.92
25+25	486-121812	3.51	3.16	2.87	2.55	2.39

2.54mm Pitch Headers -SMT

Pin Headers - Gold Plated, 90°



Pitch = 2.54mm



Mftrs. List Nos.:
 Single row = M20-890xx05, Double row = M20-891xx05, where xx = No. of ways
 Contact rating 3A Housings Nylon 6T UL94V-0
 Contact resistance 20mΩ Contacts Brass
 Proof voltage 500V rms Plating Gold
 Insulation resistance 5000MΩ
 Temperature range -40°C to +105°C

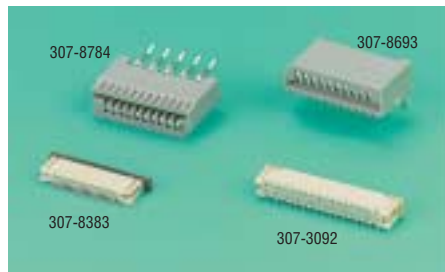
335247

No. of Ways	Order Code	10+	50+	100+	250+	500+
Single Row						
Order Multiple = 10						
3	486-122012	0.14	0.13	0.12	0.10	0.10
4	486-123112	0.19	0.17	0.16	0.14	0.13
5	486-124312	0.24	0.22	0.20	0.17	0.16
6	486-125512	0.29	0.26	0.24	0.21	0.20
8	486-126712	0.38	0.35	0.31	0.28	0.26
10	486-127912	0.48	0.43	0.39	0.35	0.33
12	486-128012	0.58	0.52	0.47	0.42	0.39
Order Multiple = 1						
20	486-129212	0.96	0.86	0.79	0.70	0.65
25	486-130912	1.20	1.08	0.98	0.87	0.82
Double Row						
Order Multiple = 10						
3+3	486-131012	0.35	0.31	0.29	0.25	0.24
4+4	486-132212	0.47	0.42	0.38	0.34	0.32
5+5	486-133412	0.58	0.52	0.48	0.42	0.40
6+6	486-134612	0.70	0.63	0.57	0.51	0.48
Order Multiple = 1						
8+8	486-135812	0.93	0.84	0.76	0.68	0.64
10+10	486-136012	1.16	1.05	0.95	0.85	0.79
12+12	486-137112	1.40	1.26	1.14	1.01	0.95
20+20	486-138312	2.33	2.10	1.91	1.69	1.59
25+25	486-139512	2.91	2.62	2.38	2.11	1.99

Flat Flexible Cable and Printed Circuit Connectors

FFC/FCP Connectors

0.5mm/1.0mm/1.25mm/2.54mm Pitch



- Top and bottom contact options
- Accommodates 0.3mm to 0.1mm FFC/FPC
- ZIF versions with secondary actuator
- Gas tight contact interface to the circuit

Contacts Phosphor Bronze Alloy Contact resistance 20mΩ max
 Plating Tin-Lead Temperature range -20°C to +80°C

CP400

Pack Quantity = 1

No. of Mftrs. Ways	List No.	Order Code	1+	25+	50+	100+	500+
0.5mm ZIF R/A top contact SMT							
10	52745-1090	307-830912	1.16	1.03	0.94	0.84	0.78
14	52745-1490	307-831012	1.41	1.26	1.13	1.03	0.95
16	52745-1690	307-832212	1.55	1.37	1.24	1.12	1.03
20	52745-2090	307-833412	1.80	1.60	1.44	1.31	1.20
30	52435-3091	307-834612	2.85	2.54	2.28	2.08	1.90
0.5mm ZIF R/A bottom contact SMT							
10	52746-1090	307-835812	1.16	1.03	0.94	0.84	0.78
14	52746-1490	307-836012	1.41	1.26	1.13	1.03	0.95
16	52746-1690	307-837112	1.55	1.37	1.24	1.12	1.03
20	52746-2090	307-838312	1.80	1.60	1.44	1.31	1.20
30	52437-3091	307-839512	3.00	2.66	2.40	2.18	2.00

Pack Quantity = 1

No. of Mftrs. Ways	List No.	Order Code	1+	25+	50+	100+	500+
0.5mm ZIF straight SMT							
10	52559-1092	307-840112	1.19	1.06	0.95	0.86	0.79
20	52559-2090	307-841312	1.93	1.72	1.54	1.40	1.29
30	52559-3092	307-842512	2.67	2.38	2.14	1.94	1.79
1.0mm ZIF R/A bottom contact SMT							
10	52271-1090	307-843712	0.69	0.60	0.54	0.50	0.46
14	52271-1490	307-844912	0.81	0.72	0.64	0.59	0.54
16	52271-1690	307-845012	0.87	0.77	0.70	0.63	0.58
18	52271-1890	392-813512	0.92	0.84	0.75	0.68	0.62
20	52271-2090	307-846212	1.00	0.88	0.80	0.73	0.67
26	52271-2690	307-847412	1.20	1.06	0.96	0.86	0.79
1.0mm ZIF straight SMT							
10	52610-1090	307-848612	1.22	1.08	0.98	0.88	0.81
18	52610-1890	392-816012	1.60	1.42	1.28	1.15	1.06
20	52610-2090	307-849812	1.98	1.76	1.58	1.44	1.31
26	52610-2690	307-850412	2.42	2.15	1.93	1.76	1.61
30	52610-3090	307-851612	3.83	3.40	3.07	2.79	2.55
1.25mm ZIF R/A through hole							
4	39-51-3043	307-852812	0.31	0.28	0.25	0.23	0.21
6	39-51-3063	307-853012	0.50	0.45	0.40	0.36	0.33
8	39-51-3083	307-854112	0.53	0.47	0.43	0.38	0.35
10	39-51-3103	307-855312	0.60	0.54	0.49	0.44	0.41
14	39-51-3143	307-856512	0.77	0.69	0.61	0.56	0.51
16	39-51-3163	307-857712	0.96	0.85	0.77	0.70	0.63
20	39-51-3203	307-858912	1.02	0.90	0.82	0.74	0.68
30	39-51-3303	307-859012	1.46	1.29	1.16	1.06	0.97
1.25mm ZIF straight through hole							
4	39-51-3044	307-860712	0.28	0.25	0.22	0.21	0.187
6	39-51-3064	307-861912	0.36	0.32	0.29	0.26	0.24
10	39-51-3084	307-862012	0.45	0.40	0.35	0.32	0.30
10	39-51-3104	307-863212	0.53	0.48	0.43	0.38	0.35
14	39-51-3144	307-864412	0.70	0.62	0.56	0.51	0.47
16	39-51-3164	307-865612	0.79	0.70	0.62	0.57	0.52
1.25mm Non-ZIF R/A							
4	52044-0445	307-866812	0.27	0.24	0.22	0.198	0.177
6	52044-0645	307-867012	0.32	0.28	0.26	0.23	0.22
8	52044-0845	307-868112	0.37	0.33	0.29	0.27	0.25
10	52044-1045	307-869312	0.42	0.37	0.33	0.30	0.28
14	52044-1445	307-870012	0.52	0.47	0.42	0.38	0.34
16	52044-1645	307-871112	0.57	0.51	0.46	0.42	0.38
20	52044-2045	307-872312	0.68	0.60	0.54	0.49	0.45
30	52044-3045	307-873512	0.93	0.82	0.74	0.68	0.61
40	52044-4045	307-874712	1.97	1.75	1.57	1.42	1.31
1.25mm Non-ZIF straight							
4	52045-0445	307-875912	0.25	0.22	0.198	0.177	0.166
6	52045-0645	307-876012	0.25	0.22	0.198	0.177	0.166
8	52045-0845	307-877212	0.53	0.48	0.43	0.38	0.35
10	52045-1045	307-878412	0.187	0.166	0.146	0.135	0.125
14	52045-1445	307-879612	0.28	0.25	0.23	0.21	0.187
16	52045-1645	307-880212	0.52	0.47	0.42	0.38	0.34
20	52045-2045	307-881412	0.61	0.54	0.49	0.45	0.41
30	52045-3045	307-882612	0.69	0.61	0.55	0.50	0.46
40	52045-4045	307-883812	0.87	0.78	0.70	0.63	0.58



Flat Flexible Cable

0.5m, 1.0mm and 1.25 Pitch



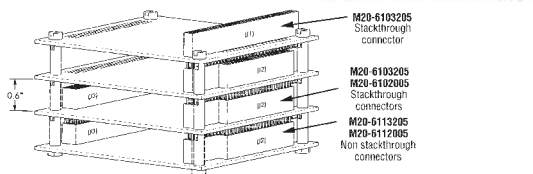
- Flat flexible cable for use with FFC/ FCP range of connectors
- Reinforcing tape bonded to underside for cable to ensure easy and accurate insertion into the connector
- Overall length 210mm

Insulation Material Polyester (Flame Resistant) Max operating temperature 80°C CP415

No. of Ways	Order Code	Price Each				
		1+	25+	50+	100+	250+
0.5mm Pitch						
10	329-500012	1.24	1.12	1.06	1.00	0.97
14	329-501112	1.10	0.98	0.92	0.86	0.83
16	329-502312	1.25	1.17	1.09	1.05	0.99
20	329-503512	1.37	1.22	1.18	1.14	1.08
24	335-264012	1.52	1.37	1.27	1.16	1.09
30	329-504712	1.75	1.61	1.53	1.45	1.37
35	335-265112	1.84	1.70	1.63	1.47	1.40
40	335-266312	2.09	1.82	1.67	1.54	1.47
45	335-267512	2.14	1.87	1.72	1.58	1.53
50	335-268712	2.19	1.91	1.77	1.63	1.58
mm1mm Pitch						
10	329-505912	0.56	0.51	0.49	0.43	0.39
14	329-506012	0.61	0.56	0.54	0.52	0.49
16	329-507212	0.68	0.63	0.61	0.59	0.57
20	329-508412	0.80	0.74	0.72	0.70	0.68
26	329-509612	0.97	0.92	0.90	0.87	0.83
30	329-510212	1.26	1.21	1.18	1.11	1.05
mm1.25mm Pitch						
4	329-511412	0.39	0.36	0.35	0.33	0.31
6	329-512612	0.41	0.39	0.38	0.36	0.34
8	329-513812	0.45	0.41	0.39	0.37	0.35
10	329-514012	0.48	0.44	0.43	0.41	0.38
14	329-515112	0.56	0.50	0.48	0.45	0.42
16	329-516312	0.61	0.55	0.53	0.50	0.47
20	329-517512	0.96	0.88	0.86	0.81	0.77
30	329-518712	1.22	1.10	1.06	1.01	0.95
40	329-570912	1.92	1.75	1.71	1.62	1.54

PC/104 Connectors

Bus Connectors



- PC/104 Plus is an industry standard for PC applications
- Embedded systems designers can reduce costs risks and lead times
- Dedicated and embedded PC architecture is an accepted platform for:

- Vending Machines
- Test equipment
- Medical equipment
- Communication devices
- Laboratory instruments

PC/104 and the PC/104 logo are trademarks of the PC/104 consortium.

CP390

Bus Connectors



- 32+32 way supports an 8-bit system
- 20+20 way combined with a 32+32 way supports a 16-bit system
- 4 x 30, 120 way available, 2.00mm pitch

- Press-Fit versions eliminate costly hand soldering and allow board rework

Current rating	1A	Housings	Glass Filled Polyester UL94V-0
Voltage proof	1000V ac	Contacts	Phosphor Bronze
Contact Resistance	10mΩ max	Finish	Gold Flash Over Nickel
Insulation resistance	5000 MΩ min.	Average insertion force	103.2g (1N) per contact
Temperature range	-55°C to +105°C	Average withdrawal force	71.5g (0.7N) per contact

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335250

No. of Ways	Mftrs. List No.	Order Code	Price Each		
			1+	10+	100+
Stackthrough					
40	M20F6102005	359-90712	2.02	1.80	1.63
64	M20F6103205	359-95612	2.94	2.61	2.37
Stackthrough Press-Fit					
40	M20-6152005	486-140112	7.34	6.61	6.01
64	M20-6153205	486-141312	8.01	7.21	6.55
120	M22-6053005	486-144912	20.87	18.78	17.07
Non-Stackthrough					
40	M20F6112005	359-97012	1.91	1.70	1.54
64	M20F6113205	359-99312	2.50	2.23	2.02
Non-Stackthrough Press-Fit					
40	M20-6162005	486-142512	4.32	3.88	3.53
64	M20-6163205	486-143712	6.47	5.83	5.30
120	M22-6063005	486-145012	18.49	16.64	15.13

PCB Connector System

Stocko Connector System

RFK2 Series



- 2.5mm pitch single in line, through hole vertical PCB Headers and Sockets
- A Rugged IDC or Discrete wire connector system.
- Latching mechanism gives secure "lock in" between header and socket and prevents backout occurring

Maximum Voltage	1500V ac	Housing	PC - V0
Working Temperature Range	-20°C to 120°C	Pitch	2.5mm
Contact plating	Tin	Wire size	24AWG Stranded or solid conductor
Contact Material	Phosphor Bronze		

333935

No of Ways.	Mftrs. List No.	Order Code	Price Per Pack of 10			
			1+	10+	50+	100+
2.5mm Socket						
2	MKFL13262-6-0-202	439-786112	2.92	2.76	2.60	2.43
3	MKFL13263-6-0-303	439-787312	2.66	2.52	2.37	2.22
4	MKFL13264-6-0-404	439-788512	3.40	3.21	3.02	2.83
5	MKFL13265-6-0-505	439-789712	3.64	3.43	3.23	3.03
6	MKFL13266-6-0-606	439-790312	4.20	3.96	3.73	3.50
7	MKFL13267-6-0-707	439-791512	4.58	4.32	4.07	3.82
8	MKFL13268-6-0-808	439-792712	4.78	4.52	4.25	3.98
9	MKFL13269-6-0-909	439-793912	5.04	4.76	4.48	4.20
10	MKFL13270-6-0-1010	439-794012	5.62	5.30	4.99	4.68
PCB Header						
2	MKS1851-6-0-202	439-795212	1.56	1.48	1.39	1.30
3	MKS1853-6-0-303	439-796412	1.50	1.41	1.33	1.25
4	MKS1854-6-0-404	439-797612	1.62	1.53	1.44	1.35
5	MKS1855-6-0-505	439-798812	1.78	1.68	1.58	1.48
6	MKS1856-6-0-606	439-799012	1.98	1.87	1.76	1.65
7	MKS1857-6-0-707	439-800212	2.32	2.19	2.06	1.93
8	MKS1858-6-0-808	439-801412	2.58	2.43	2.29	2.15
9	MKS1859-6-0-909	439-802612	2.66	2.52	2.37	2.22
10	MKS1860-6-0-1010	439-803812	2.74	2.58	2.43	2.28

PCB Connector System - continued

Card Edge Socket



- Card edge connector eliminates the need for a PCB mounted header
- 2.5mm pitch single in line, through hole vertical PCB Headers and Sockets
- A Rugged IDC or Discrete wire connector system.



Maximum Voltage 1500V ac
 Working Temperature Range -20°C to 120°C
 Contact plating Tin
 Contact Material Phosphor Bronze

Housing PC - VO
 Pitch 2.5mm
 Wire size 24AWG Stranded or solid conductor

333936

10 Per Pack		Price per Pack				
No. Poles	Mfrs. List No.	Order Code	1+	10+	50+	100+
3	MKFL13473-6-0-303	439-804012	3.38	3.20	3.01	2.82
4	MKFL13474-6-0-404	439-805112	3.88	3.67	3.45	3.23
5	MKFL13475-6-0-505	439-806312	4.20	3.96	3.73	3.50
6	MKFL13476-6-0-606	439-807512	4.42	4.18	3.93	3.68
7	MKFL13477-6-0-707	439-808712	4.78	4.52	4.25	3.98
8	MKFL13478-6-0-808	439-809912	5.08	4.79	4.51	4.23
10	MKFL13480-6-0-1010	439-810512	5.70	5.39	5.07	4.75

Shorting Link

Shorting Link, Surface Mount



- Designed to link PCB tracks where through hole links are not possible
- Easy Placement
- High current
- Small footprint



L = 12.3, W = 1.8 (2.35 including standoffs), H = 1.8

Material Copper Alloy
 Finish Tin/Lead Plated

335251

100 per Pack		Price Per Pack			
Order Code		1+	10+	50+	100+
486-147412		6.59	5.93	5.39	4.78

Test Point

Surface Mount



- Ideal for use with most standard probes, clips and hooks
- Suitable for automatic or manual test
- Improved finished goods quality
- Strong and durable

Material Copper Alloy
 Finish Tin/Lead Plated

L = 3.25, W = 2.05, H = 2

335252

100 per Pack		Price Per Pack			
Order Code		1+	10+	50+	100+
486-146212		6.57	5.91	5.37	4.77

PCB Terminal Blocks

Rising Clamp Interlocking 16A

5mm Pitch



2.5mm² cable entry

H=16, W=9.5, Pitch=5, Pin dia=1.1

- Interlocking PCB terminal block with rising cable clamp design
- Features good cable retention and repetitive operation
- 1mm test probe facility

Maximum voltage 250V ac
 Current rating 16A
 Temperature range -40°C to +125°C
 Rising cable clamp Steel zinc plated

Clamping screw M3 steel zinc plated
 Housing Polyamide UL94V-0
 Colour Light Grey
 Maximum wire size 2.5mm²

Mfrs. List No. 819/x, where x= No. of ways

209401

Order Multiple = 5		Price Each					
No of Ways	Length mm	Order Code	5+	50+	100+	500+	1K+
2	10	151-79412	0.38	0.31	0.26	0.22	0.21
3	15	151-79512	0.55	0.47	0.40	0.34	0.31
4	20.5	151-79612	0.74	0.62	0.52	0.44	0.40
6	30.5	151-79712	1.09	0.94	0.80	0.64	0.59
8	40.9	469-86512	1.56	1.32	1.11	0.94	0.84
10	50.9	469-87712	1.96	1.67	1.40	1.18	1.06
12	61.5	151-79812	2.18	1.84	1.53	1.29	1.18

IEC Inlets

Power Entry Module

6200 Series - Medical Grade



- Screw mounting, 2 x M3
- Shock safe 1 pole fuseholder, 5 x 20mm
- Plug removal necessary for fuse link replacement
- Protection Class 1, Pin Temp 70°C
- Complies to IEC 60320-1 & EN 6032-1 C14/C15
- 4.8 x 0.8mm or 6.3 x 0.8mm terminals
- Approvals. SEV, VDE, SEMKO, UL, CSA, OVE

Panel cut out 27.5mm x 30.5mm
 Depth behind front panel 23.5mm

Contact rating 10A
 Voltage rating 250V ac
 Contact resistance 5mΩ

Contact rating 10A
 Temperature range -25°C To + 70°C
 Housing material

236892

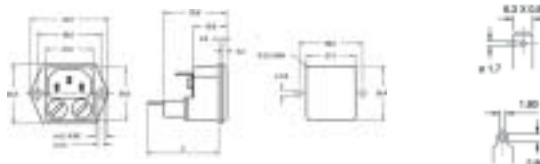
Mfrs. List No.	Terminals	Order Code	1+	10+	50+	100+
6200.2200	4.8 x 0.8	307-689112	1.64	1.09	0.92	0.78
6200.2300	6.3 x 0.8	307-690812	1.64	1.09	0.92	0.78

Power Entry Module

Series 4707



- Panel Mount : Screw on version, Front or rear mounting
- Appliance inlet, Fuse holder takes fuse size 5x20 mm



Voltage Rating 250V
 Current Rating 10A
 Terminals Solder or quick connect 6.35x0.8
 Fuseholder 1- or 2-pole, Shocksafe category PC2

333928

Description	Mfrs list No.	Order Code	1+	10+	25+	50+
1pol. Quick connect	4707.1000	472-499912	6.85	6.19	5.65	5.65
1pol. Solder joint	4707.1300	472-500112	6.85	6.19	5.65	5.65
2pol. Quick connect	4707.2000	443-084012	6.85	6.19	5.65	5.65
2pol. Solder joint	4707.2300	472-502512	6.85	6.19	5.65	5.65

