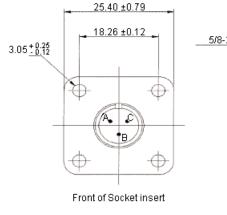
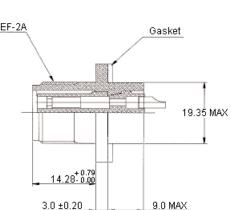
multicomp	PART NO.			REVISIONS							
	M90-3102R1 - Series	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
		-	А	RELEASED	Malli	20/03/10	Jagan	20/03/10	Farnell	05/04/10	

## M90-3102R10SL-3S





## **Specifictaions:**

#### Material:

Shell Insulator Grommet Contact

: Aluminum alloy : Polychloroprene. : Polychloroprene. : Copper alloy

#### Finish:

Shell Contact

# **Electrical:**

Current rating Voltage rating Insulation resistance

## : 500V ac, 700V dc : 5000M $\Omega$ minimum

: Silver

: 13 Amps

### **Environmental:**

Temperature range Vibration Salt spray Humidity

: 55°C to 125°C

- : 10 to 500Hz (10g) per MIL-STD-1344, method 2005

: 48 hours, 5% salt solution, per MIL-STD-1344 method 1001 : 95 ±3%, 71 ±2°C, 14 days

: Zinc with black chromtate coating

# Mechanical:

- Coupling : Threaded Polarisation Contact type Contact arrangement Durability
  - : Single key/Keyway
  - : Solder
  - : 3 contacts
  - : 500 operations

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information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change with-	UNLESS OTHERWISE	Malli	20/03/10	Panel Mount Receptacle - 3 Socket Co			cts
our notice and replaces an data sheets previously supplied. The information supplied is	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV
data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	Jagan	20/03/10		M10002528	3102R-S-DWG	A	
use of it (including liability resulting from negligence or where the Group was aware of	PURPOSES ONLY.	APPROVED BY:	DATE:				_
the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Fameli plc 2009.		Farnell	05/04/10	SCALE: NTS	U.O.M.: mm	SHEET: 1 C	DF 5

5/8-24UNEF-2A

**Dimensions: Millimetres** 

	PART NO.			REVISIONS						
multicomp	-	ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	M90-3102R1 - Series	-	A	RELEASED	Malli	20/03/10	Jagan	20/03/10	Farnell	05/04/10
M90-3102R10SL-4S			Spe	cifictaions:						
25.40 ±0.79	-0.79		Mate	rial:						
3.05 ± 0.12 3.05 ± 0.12	-0.00		Shell Insula Grom Conta	met : Polychloroprene.						

æ

-0.79 -0.00	
- <u>-2A</u>	GASKET.
	19.35 MAX
14.28+0.70	
<u>3.0 ±0.20</u>	9.0 MAX

## Finish:

Shell Contact

## Electrical:

Current rating Voltage rating Insulation resistance

## : Zinc with black chromtate coating : Silver

: 13 Amps : 500V ac, 700V dc : 5000M $\Omega$  minimum

**Dimensions: Millimetres** 

## **Environmental:**

Temperature range Vibration Salt spray Humidity

: 55°C to 125°C

- : 10 to 500Hz (10g) per MIL-STD-1344, method 2005
- : 48 hours, 5% salt solution, per MIL-STD-1344 method 1001 : 95 ±3%, 71 ±2°C, 14 days

## Mechanical:

- Coupling : Threaded Polarisation Contact type Contact arrangement Durability
  - : Single key/Keyway
  - : Solder
  - : 3 contacts
  - : 500 operations

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	information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change with	UNLESS OTHERWISE	Malli	20/03/10	Panel Mo	ount Receptacle	<ul> <li>2 Socket Conta</li> </ul>	acts
_ 1	out notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV
	data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE	Jagan	20/03/10		M10002528	3102R-S-DWG	A
- 1	omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit	PURPOSES ONLY.	APPROVED BY:	DATE:				
_ 1	or restrict the Group's liability or damage anising is excluded. This with the operate to initial or restrict the Group's liability for death or personal injury resulting from its negligence. SPC MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2009.		Farnell	05/04/10	SCALE: NTS	U.O.M.: mm	SHEET: 2	OF 5

	PART NO.			REVISIONS							
multicomp		ECN #	REV	DESCRIPT	ION	DRAWN	DATE	CHECKD	gan 20/03/10 Far	APPRVD	DA
	M90-3102H1 - Series       -       A       RELEASED       Mail       20/03/10       Jagan       20/03/10       Famell         3S       Specifictaions:         J4-20UNEF-2A       GASKET       Material:         Shell       :       :       Nitrile butablene rubber         Grommet       :       Nitrile butablene rubber         Contact       :       Copper alloy         MAX       Finish:         Shell       :       Zinc with black chromtate coating         Contact       :       Silver         Bell       :       Silver         Contact       :       Silver	05/0									
M90-3102R12S-3S			S	Specifictaions:							<u> </u>
	3/4-20UNEF-2A	19.	- S II 0 86 AX	Shell hsulator Grommet Contact	: Nitrile butabier : Nitrile butabier	ne rubb					
20.62 ±0.12			C	Contact		k chrom	itate coa	ating			
	Dimensions:	Millimet	res V	oltage rating	: 500V ac, 700\						
			E	invironmental:							
			V S	/ibration Salt spray	: 10 to 500Hz ( <sup>.</sup> : 48 hours, 5%	10g) pe salt sol	ution, pe				d 10
		Mechanical:									
			F	Polarisation	: Single key/Ke	yway					

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information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change with-	UNLESS OTHERWISE	Malli	20/03/10	Panel M	ount Receptacle	- 2 Sc	ocket Conta	cts
our notice and replaces an data sheets previously supplied. The information supplied is	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELEC	TRONIC FILE	REV
data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE	Jagan	20/03/10	Δ	M10002528	-	-S-DWG	A
childred Elability for 1000 of damage robalting normally rollarios of the information of	PURPOSES ONLY.	APPROVED BY:	DATE:					
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	PART NO.		REVISIONS							
🐼 multicomp		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
	M90-3102R1 - Series	-	Α	RELEASED	Malli	20/03/10	Jagan	20/03/10	Farnell	05/04/10
M90-3102R14S-2S		Spe	ecific	taions:						
30.18 ±0.79		Mate	erial:							
3.05+0.25	7/8-20UNEF-2A GASKET	Shel Insul Gror Cont	lator nmet	: Aluminum alloy : Polychloroprene. : Polychloroprene. : Copper alloy						

		Contact	: Copper alloy
	23.01 MAX	Finish:	
		Shell	: Zinc with black chromtate coating
		Contact	: Silver
14.28 <sup>±</sup> 0.00		Electrical:	
3.0 ±0.20 9.0	MAX_	Current rating	: 13 Amps
Dimension	s: Millimetres	Voltage rating	: 500V ac, 700V dc : 5000MΩ minimum
		Insulation resistance	. 5000/022 11111110111
		Environmental:	
		Temperature range	: 55°C to 125°C
		Vibration	: 10 to 500Hz (10g) per MIL-STD-1344, method 2005
		Salt spray Humidity	: 48 hours, 5% salt solution, per MIL-STD-1344 method 1001 : 95 ±3%, 71 ±2°C, 14 days
		riamany	. 30 13/0, 71 12 C, 14 days
		Mechanical:	
		Coupling	: Threaded
		Polarisation	: Single key/Keyway
		Contact type Contact arrangement	: Solder : 3 contacts
		Durability	: 500 operations
			•

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out notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this	SPECIFIED,	CHECKED BY:	DATE:	SIZE DWG NO.		ELECTRONIC FILE	REV
data sheet should check for themselves the Information and the suitability of the prod- ucts for their purpose and not make any assumptions based on information included or	DIMENSIONS ARE FOR REFERENCE	Jagan	20/03/10	Δ	M10002528	3102R-S-DWG	A
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PC multicomp		PART NO.				REVISIO	NS						
M90-3102R1 - Series       A       RELEASED       Multi       2003/010       Fameli       000         M90-3102R14S-6S       Specifictaions:       Specifictaions:       Material:       Shell       A angle a	multicom			ECN #	REV	DESCI	RIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DAT
3015 407       90.18 ± 0.79       Material:         305 ± 0.79       78-20UNEF-24       Gasket         11 ± 0.79       11 ± 0.79       Polychloroprene.         Grommet       : Polychloroprene.         Grommet       : Polychloroprene.         Grommet       : Silver         Electrical:       :         Contact       : Silver         Electrical:       :         Dimensions: Millimeter       :         Description       Part Number         Socket, Chassis, 2 Way       M90-3102R10SL-3S         Socket, Chassis, 2 Way       M90-3102R10SL-4S         Socket, Chassis, 4 Way       M90-3102R14S-2S         Socket, Chassis, 4 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-6S		M90-31	02R1 - Series	-	Α	REL	EASED	Malli	20/03/10	Jagan	20/03/10	Farnell	05/04/
3.05*\$	M90-3102R14S-6S				Spe	cifictaions:							
3.05*137       Insulator       Polychloroprene.         Grommet       Polychloroprene.         Grommet       Polychloroprene.         Contact       : Copper alloy         Finish:       : Zinc with black chromtate coating         Contact       : Silver         Electrical:       : Silver         Voltage rating       : 5000 yac, 700V dc         Insulator resistance       : 5000MΩ minimum         Part Number Table       Dimensions: Millimetres         Dimensions: Sillimetres       Environmental:         Socket, Chassis, 3 Way       M90-3102R10SL-3S         Socket, Chassis, 4 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-2S          Socket, Chassis, 6 Way       M90-3102R14S-6S	30.18 ±0.79				Mate	rial:							
Part Number TableImage: Signature and Signature	-		Gasket		Insul Grom	ator Imet	: Polychloroprene. : Polychloroprene.						
Part Number TablePart NumberSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 4 WayM90-3102R12S-3SSocket, Chassis, 6 WayM90-3102R14S-6S		♥			Finis	h:							
14.22 <sup>+</sup> /8.02 3.0 ± 0.20       9.0 MAX       Current rating Voltage rating Insulation resistance       : 13 Amps : 500V ac, 700V dc insulation resistance         Part Number Table       Dimensions: Millimetres       Environmental:         Voltage rating Insulation resistance       : 55°C to 125°C : 10 to 500Hz (10g) per MIL-STD-1344, method 2005 Salt spray         Socket, Chassis, 3 Way       M90-3102R10SL-3S         Socket, Chassis, 2 Way       M90-3102R10SL-4S         Socket, Chassis, 2 Way       M90-3102R11SL-3S         Socket, Chassis, 4 Way       M90-3102R14S-2S         Socket, Chassis, 6 Way       M90-3102R14S-6S			23.0	1 MAX				hromtate	e coatin	g			
Part Number TableDimensions: MillimetresEnvironmental: 500 MaxDescriptionPart NumberSocket, Chassis, 3 WayM90-3102R10SL-3SSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R14S-2SSocket, Chassis, 6 WayM90-3102R14S-2SSocket, Chassis, 6 WayM90-3102R14S-6S	(	♥			Elect	rical:							
DescriptionPart NumberImage: Temperature range: 55°C to 125°CSocket, Chassis, 3 WayM90-3102R10SL-3STemperature range: 10 to 500Hz (10g) per MIL-STD-1344, method 2005Socket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R12S-3SMechanical:Socket, Chassis, 4 WayM90-3102R14S-2SCoupling: ThreadedSocket, Chassis, 6 WayM90-3102R14S-6S: SolderSocket, Chassis, 6 WayM90-3102R14S-6S: Solder	1	1-			Volta	ge rating	: 500V ac, 700V de						
DescriptionPart NumberSocket, Chassis, 3 WayM90-3102R10SL-3SSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R10SL-4SSocket, Chassis, 2 WayM90-3102R12S-3SSocket, Chassis, 4 WayM90-3102R14S-2SSocket, Chassis, 6 WayM90-3102R14S-6SSocket, Chassis, 6 WayM90-3102R14S-6S	Part Number Table		Dimensions: Millin	netres	Envi	ronmental:							
Socket, Chassis, 3 WayM90-3102R10SL-3SSalt spray Humidity: 48 hours, 5% salt solution, per MIL-STD-1344 method 1001 : 95 ±3%, 71 ±2°C, 14 daysSocket, Chassis, 2 WayM90-3102R10SL-4SMechanical:Socket, Chassis, 2 WayM90-3102R12S-3SCoupling Polarisation: Threaded Socket, Chassis, 6 WaySocket, Chassis, 6 WayM90-3102R14S-6SSocket, Chassis, 6 Way: Solder Contact arrangement Durability: Solder : Solder	Description	Part Number	]					a) per M	IL-STD-	1344. m	ethod 2	005	
Socket, Chassis, 2 WayM90-3102R12S-3SCoupling Polarisation: Threaded Socket, Chassis, 4 WaySocket, Chassis, 4 WayM90-3102R14S-2SCoupling Polarisation: Single key/Keyway Contact typeSocket, Chassis, 6 WayM90-3102R14S-6S: Solder Contact arrangement Durability: Solder Socket, Solder	Socket, Chassis, 3 Way	M90-3102R10SL-3S					: 48 hours, 5% sal	t solutio	n, per N				001
Socket, Chassis, 4 WayM90-3102R14S-2SPolarisationSingle key/KeywaySocket, Chassis, 6 WayM90-3102R14S-6SContact typeSolderDurabilitySold operationsSold operations	Socket, Chassis, 2 Way	M90-3102R10SL-4S			Mech	nanical:		•					
Socket, Chassis, 4 WayM90-3102R14S-2SContact type: SolderSocket, Chassis, 6 WayM90-3102R14S-6SContact arrangement: 3 contactsDurability: 500 operations			1		Coup	ling	: Threaded						
Socket, Chassis, 6 Way M90-3102R14S-6S Durability : 500 operations	Socket, Chassis, 2 Way	M90-3102R12S-3S				ination	· Single key/Keywa						
http://www.farnell.com							: Solder	ау					
	Socket, Chassis, 4 Way	M90-3102R14S-2S			Conta Conta	act type act arrangement	: Solder : 3 contacts	ау					

http://www.cpc.co.uk

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