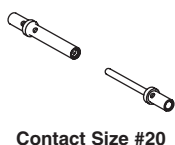


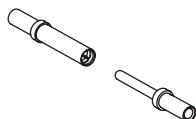
ELCON Drawer Standard Contacts

The ELCON drawer series connectors use standard contacts across the product line. This section shows the standard contacts available in different sizes and various lengths and termination styles, with their respective part numbers.

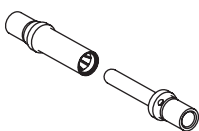
Pin Side Contacts



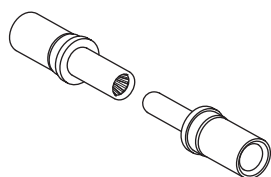
Contact Size #20



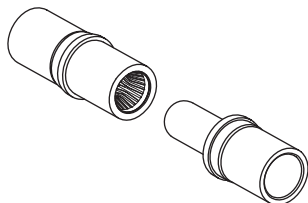
Contact Size #16



Contact Size #12



Contact Size #8



Contact Size #4

Note: All part numbers are RoHS compliant.

Contact Size #20 — For use in most drawer connectors

Termination Type	Contact Part Number	Dimensions	A	
			in	mm
Crimp, standard	1650155-1		0.32	[8.12]
Crimp, premate	1650161-1		0.47	[11.93]
Crimp, postmate	1650162-2		0.27	[6.85]
PCB tail, standard	1650283-1		0.32	[8.12]
PCB tail, premate	1650065-1		0.47	[11.93]
PCB tail, postmate	1650226-1		0.27	[6.85]

Contact Size #16 — For use in Mini Drawer, Lower Drawer, Top Drawer, and P12S12

Termination Type	Contact Part Number	Dimensions	A	
			in	mm
Crimp, standard	1766194-1		0.33	[8.38]
Crimp, premate	1766198-1		0.48	[12.19]
Crimp, postmate	1766199-1		0.29	[7.36]
PCB tail, standard	1766222-1		0.33	[8.38]
PCB tail, premate	1766223-1		0.48	[12.19]
PCB tail, postmate	1766818-1		0.29	[7.36]

Contact Size #12 — For use in Mini Drawer, Lower Drawer, 75A, 125A and 200A Middle Drawer; Square Drawer, TOP Drawer & Double Drawer; P3S0 and P4S0, HV8P, P10S0, P10S22

Termination Type	Contact Part Number		Dimensions	A	
	Gold Plated	Silver Plated		in	mm
Crimp, standard	1650153-2	1766193-1		0.43	[10.92]
Crimp, premate	1650156-2	1766195-1		0.46	[11.68]
Crimp, postmate	1650158-2	1766196-1		0.39	[9.90]
PCB tail, standard	1650060-2	1766245-1		0.43	[10.92]
PCB tail, premate	1650074-3	1766250-1		0.46	[11.68]
PCB tail, postmate	1650073-3	1766249-1		0.39	[9.90]

Note: For applications using the #12 hot-plug socket use of gold plated pins are recommended.

Contact Size #8 - For use in 75A and 200 A Middle Drawer

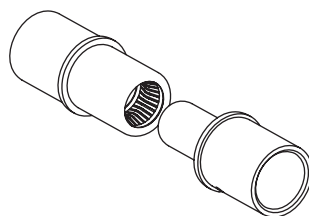
Termination Type	Contact Part Number	Dimensions	A	
			in	mm
Crimp, standard	1766192-1		0.43	[10.92]
Crimp, premate	1766197-1		0.48	[12.19]
Crimp, postmate	1766821-1		0.33	[8.38]
PCB tail, standard	1766262-1		0.43	[10.92]
PCB tail, premate	1766263-1		0.48	[12.19]

Contact Size #4 - For use in 125A and 200A Middle Drawer. P6S18 Drawer, W5 Power Drawer

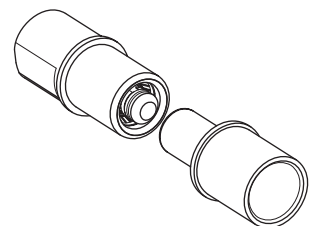
Termination Type	Contact Part Number	Dimensions	A	
			in	mm
Crimp, Standard	1766232-1		0.51	[12.95]
1/4 - 20 x .050 DP External Thread	1766812-1		0.51	[12.95]
M5 x 0.8 x 9.6 mm DP M5 Internal Thread	1766283-1		0.51	[12.95]

ELCON Drawer Standard Contacts (Continued)

Pin Side Contacts (Continued)



Contact Size #0



**Contact Size #0
Probe-proof**

Contact Size #0¹ - For use in Top Drawer, Double Drawer, DualPower & QuadPower, In-Line QuadPower

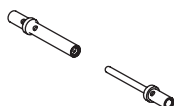
Termination Type	Contact Part Number	Dimensions	A	
			in	mm
Crimp	1766811-1		0.495	[12.57]
Probe-proof crimp ²	1766819-1		0.430	[10.92]
1/4 - 20 x .050 DP Internal thread	1766230-1		0.495	[12.57]
M6 x 1 x 12.7 mm DP Internal thread	1766274-1		0.495	[12.57]
1/4 - 20 x .050 DP Probe-proof/internal thread ²	1766269-1		0.430	[10.92]
M6 x 1 x 12.7 mm DP Probe-proof/internal thread ²	1766275-1		0.430	[10.92]
1/4 - 20 x .050 DP External thread	1766268-1		0.495	[12.57]
M6 x 1 x 12.7 mm DP External thread	1766231-1		0.495	[12.57]
1/4 - 20 x .050 DP Probe-proof/external thread ²	1766270-1		0.430	[10.92]
M6 x 1 x 12.7 mm DP Probe-proof/external thread ²	1766276-1		0.430	[10.92]

Notes: ¹Contact Tyco Electronics for alternate contact terminations.

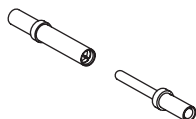
²Use only with probe-proof socket contacts.

³Crimp and threaded contact are insertable/removable.

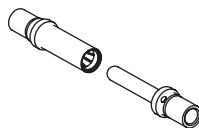
Socket Side Contacts



Contact Size #20



Contact Size #16



Contact Size #12

Contact Size #20

Termination Type	Contact Part Number
Crimp	1648325-1
PCB Tail	1648382-1

Contact Size #16

Termination Type	Contact Part Number
Crimp	6648319-1
PCB Tail	6648383-1

Contact Size #12

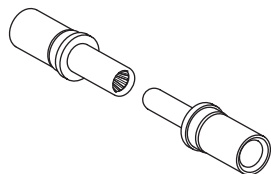
Termination Type	Contact Part Number
Crimp	6648318-1
Hot-Plug Crimp	1648384-1
PCB Tail	6648374-1
Hot-Plug PCB Tail	1648387-1

Note: For applications using the #12 hot-plug socket, the use of gold plated pins are recommended (see page 80).

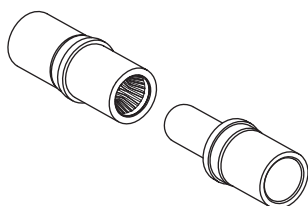
Note: All part numbers are RoHS compliant.

ELCON Drawer Standard Contacts (Continued)

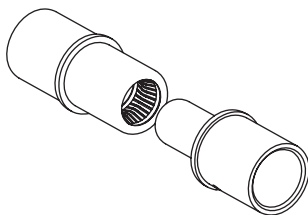
Socket Side Contacts



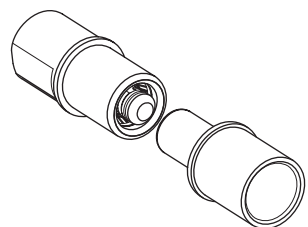
Contact Size #8



Contact Size #4



Contact Size #0



**Contact Size #0
Probe-proof**

Contact Size #8

Termination Type	Contact Part Number
Crimp	6648317-1
PCB Tail	6648400-1

Contact Size #4

Termination Type	Contact Part Number
Crimp, Standard	6648434-1
1/4 - 20 x .050 DP External Thread	6648435-1
M5 x 0.8 x 9.6 mm DP M5 Internal Thread	6648335-1

Contact Size #0¹

Termination Type	Contact Part Number
Crimp	6648405-1
Probe-proof crimp ²	6648418-1
1/4 - 20 x .050 DP Internal thread	6648416-1
M6 x 1 x 12.7 mm DP Internal thread	6648428-1
1/4 - 20 x .050 DP Probe-proof/internal thread ²	6648419-1
M6 x 1 x 12.7 mm DP Probe-proof/Internal thread ²	6648429-1
1/4 - 20 x .050 DP External thread	6648417-1
M6 x 1 x 12.7 mm DP External thread	6648430-1
1/4 - 20 x .050 DP Probe-proof/external thread ²	6648420-1
M6 x 1 x 12.7 mm DP Probe-proof/external thread ²	6648431-1

Notes: ¹Contact Tyco Electronics for alternate contact terminations.

²Use only with probe-proof Pin contacts.

³Crimp and threaded contact are insertable/removable.

Non-Standard Contacts

Contacts with pin lengths and terminations other than standard are available. Consult customer service if your design requires contacts different from the ones shown in this catalog.

Note: All part numbers are RoHS compliant.