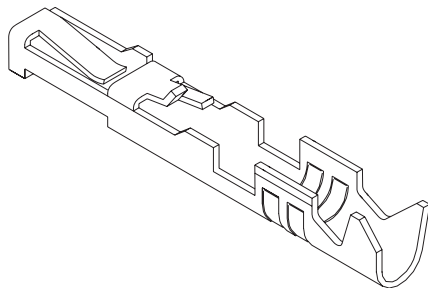


2.54mm (.100") Pitch C-Grid III™ Terminal

90119 Female Crimp



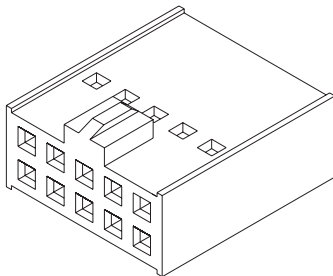
Not For Use With Molex SL™ Components

Order No.	Plating Option	Packaging	Wire Size (AWG)	Insulation Diameter Range	Lead-free
90119-0109	A	Chain—Left Hand Feed	22-24	1.02/1.47 (.040/.058)	Yes
90119-0110	E				
90119-0111	F				
90119-0120	A		26-28	0.76/1.22 (.030/.048)	
90119-0121	E				
90119-0122	F				
90119-2109	A	Bag	22-24	1.02/1.47 (.040/.058)	
90119-2110	E				
90119-2111	F				
90119-2120	A		26-28	0.76/1.22 (.030/.048)	
90119-2121	E				
90119-2122	F				

For other available versions contact Molex

2.54mm (.100") Pitch C-Grid III™ Crimp Connector Housing

90142 Dual Row



Not For Use With Molex SL™ Components

Circuits	Order No.	Circuits	Order No.	Circuits	Order No.
6	90142-0006	20	90142-0020	38	90142-0038
8	90142-0008	22	90142-0022	40	90142-0040
10	90142-0010	24	90142-0024	44	90142-0044
12	90142-0012	26	90142-0026	50	90142-0050
14	90142-0014	30	90142-0030	54	90142-0054
16	90142-0016	34	90142-0034	60	90142-0060
18	90142-0018	36	90142-0036	64	90142-0064

For other available circuit sizes contact Molex

Features and Benefits

- Fully enclosed contact box
- Contact and plating orientation according to DIN 41651
- North/south contact orientation avoids overstress

Reference Information

Product Specification: PS-99020-0001
Packaging: Chain or bag
Mates With: 0.64mm (.025") square pins
Use With: 90123, 90142, 90143, 90156 and 90160
Designed In: Inches

Electrical

Voltage: 350V
Current: 3.0A
Contact Resistance: 20 milliohms max.

Mechanical

Contact Retention to Housing: 15N (1.5kgf)
Normal Force: 1N

Physical

Contact: Copper Alloy
Plating: See Table
Wire Range: 22 to 24 and 26 to 28 AWG
Wire Insulation Diameter: 1.70mm (.067") max.

Plating A: 1.00µm (39µ") min. Hot Tin dip
Plating E: 0.38µm (15µ") selective Gold over Nickel and 4µm (160µ") Tin over Nickel
Plating F: 0.76µm (30µ") selective Gold over Nickel and 4µm (160µ") Tin over Nickel

Features and Benefits

- Sizes 6 to 64 circuits
- Polarized
- Friction lock

Reference Information

Product Specification: PS-99020-0001
Packaging: Bag
Mates With: 90122, 90130 and 90131
Use With: 90119
Designed In: Inches

Electrical

Voltage: 350V
Current: 3.0A max.
Contact Resistance: 20 milliohms max.
Insulation Resistance: 1000 Megohms min.

Mechanical

Contact Retention to Housing: 15N min.
Normal Force: 1N

Physical

Housing: Black polyphenylene oxide, UL 94V-1
Operating Temperature: -55 to +105°C

Delivered on a carrier with 20 pieces per strip.

Actual Size  Universal Polarizing Pin
40713-1
Order No. 15-04-0292