

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



Table with columns: Fig., Circuits, Dimension A Inch (mm), Digi-Key Part No., Pricing (1, 10, 100, 500), Molex Part No. Rows include various connector configurations for 2, 3, and 4 circuits.

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- Kits
WM8498-ND (76650-0177) C-Grid III Connector Kit: (Single Row Vertical Header and Receptacle)..... 23.62
WM8499-ND (76650-0178) C-Grid III Connector Kit: (Dual Row Vertical Header and Receptacle) 32.06
WM8500-ND (76650-0179) C-Grid III Connector Kit: (Dual Row Right Angle Header and Receptacle) 32.52

Female Crimp Terminals



Specifications
Electrical:
• Voltage: 350V
• Current Rating: 3.0A
• Contact Resistance: 20mΩ maximum

Physical:
• Contact: Phosphor Bronze
• Wire Insulation Diameter: 1.70mm (.067") maximum

Plating Options:

A: 1µm (.39µ") minimum Hot Tin dip
E: 0.38µm (15µ") Selective Gold over Nickel and 4µm (160µ") Tin/Lead over Nickel

Table with columns: Wire Range, Insulation Diameter Range Inch (mm), Plating Options, Digi-Key Part No., Pricing (10, 100, 500), Digi-Key Part No., Tape and Reel Pricing (20,000), Molex Part No. Includes tools like Hand Crimp Tool and MicroClasp™ Hand Crimp Tool.

Headers



Specifications:
Electrical:
• Voltage: 350V • Current Rating: 3.0A • Contact Resistance: 20mΩ maximum
• Insulation Resistance: 5,000 MΩ minimum

Physical:
• Housing: Black glass-filled polyester • UL94V-0 • Operating Temperature: -55°C ~ 125°C • Contact: Copper Alloy, 0.64mm (.025") square pin

Note: C-Grid III does not mate to C-Grid

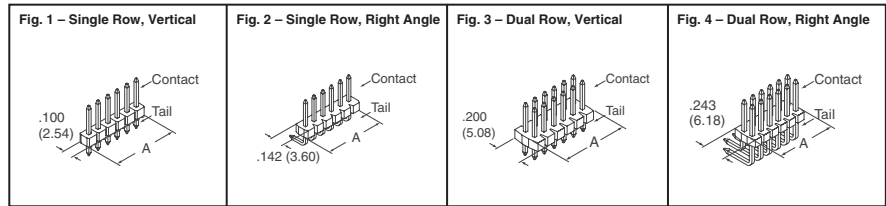


Table with columns: Fig., Circuits, Dimension A Inch (mm), Digi-Key Part No., Pricing (1, 10, 100, 500), Molex Part No. Includes Tin Contacts with Tin Tails and Gold Contacts with Tin Tails for 1, 2, and 3 circuits.

Table with columns: Fig., Circuits, Dimension A Inch (mm), Digi-Key Part No., Pricing (1, 10, 100, 500), Molex Part No. Includes Gold Contacts with Tin Tails for 3, 4, and 5 circuits.

(Continued)