

CATEGORY 5 MODULAR PLUG



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CATEGORY 5 PLUG

As you know, when standard 8 position modular plug mated with PCB mounted 8 position jack, which cannot meet the CATEGORY 5 NEXT (Near End Cross Talk) requirement by TIA/EIA specification TSB40-A, Now we have designed high performance 8 position plug with shielded or non-shielded version for meet TIA/EIA TSB40-A test specification for serve with our customer,

FEATURES :

- Meet TIA/EIA TSB40-A test performance.
- Dual point contact terminates 24-26 AWG Stranded & Solid conductors.
- Available in non-shielded and Shielded configurations to control EMI/RFI.
- Deliver speeds up to 100MHz.

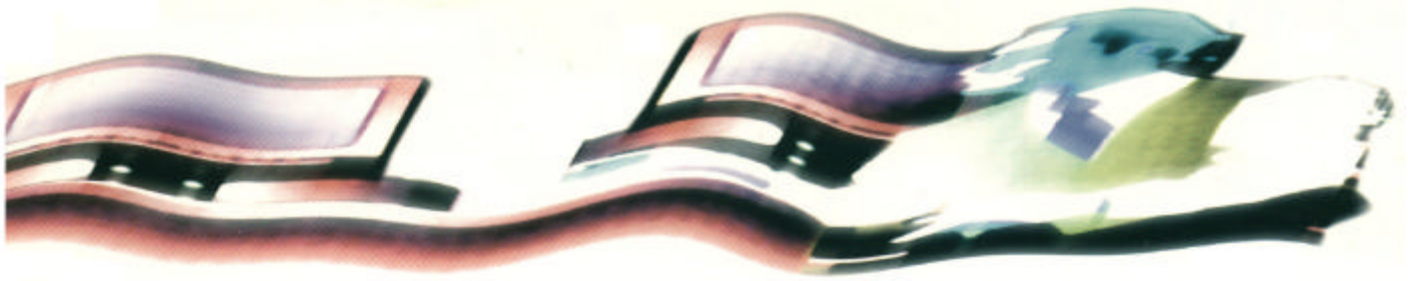
SPECIFICATIONS :

- Material and Finished
Contact: Phosphor bronze, selective gold plated in contact area over 100 micron-inch nickel plated.
Housing: Polycarbonate, UL94V-0, UL94V-2.
Shield: Nickel Plated, brass.
- Electrical Characteristics
Current Rating: 1.5Amps,
Voltage Rating: 30VAC/42VDC
Dielectric Withstanding: 1000V Rms, 1 Min (60HZ)
Insulation Resistance: 500Megohms.

ORDER INFORMATION

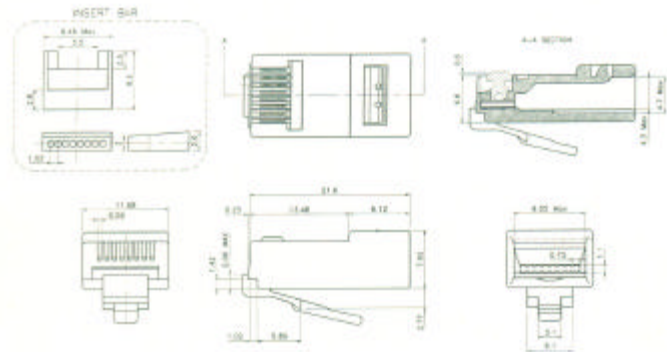
MP P C -
1 2 3 4 5 6 7 8 9 10

- 1. BLANK :** Meet standard FCC modular plug
5 : Meet category 5 modular plug
- 2. NUMBER OF POSITION:**
Available for 4P, 6P, 8P, 10P
- 3. NUMBER OF CONTACT:**
Available for 2C, 4C, 6C, 8C, 10C
- 4. SELECTIVE GOLD PLATING THICKNESS:**
GF Gold flash thickness
06 06 Microninch gold plated thickness
15 15 Microninch/0.38 μ m gold plated thickness
30 30 Microninch/0.76 μ m gold plated thickness
50 50 Microninch/1.27 μ m gold plated thickness
- 5. MODULAR PLUG TYPE:**
1 Standard dimension type
D DEC type
L Extra long body type
S Short body type
I Insert type
B Insert Bar for CAT. 5. only
H "H" type for CAT. 5 only
- 6. CABLE APPLICATION:**
1 Standard flat-oval cable entry
2 Standard round cable entry
3 For solid wire in flat-oval type cable with 2 prongs contact
4 For solid wire in flat-oval type cable with 3 prongs contact
5 For solid wire in round cable with 2 prongs contact
6 For solid wire in round cable with 3 prongs contact
7 Standard flat-oval cable entry with key
8 Standard round cable entry with key
- 7. SHIELDED:**
N Non-Shielded type
S Shielded type
- 8. PLASTIC FLAME GRADE**
0 UL94V-0
2 UL94V-2
- 9. OPTION: FOR PRIVATE LOGO**
BLANK Without logo
 Private logo
- 10. OPTION: FOR SPECIAL REQUEST**
BLANK Standard request
1 Only contact in # 1, 2, 5, 6
B Black color housing
Y Yellow color housing
2 Only contact in # 3, 4, 5, 6
3 Only contact in # 1, 2, 7, 8
4 Only contact in # 1, 8

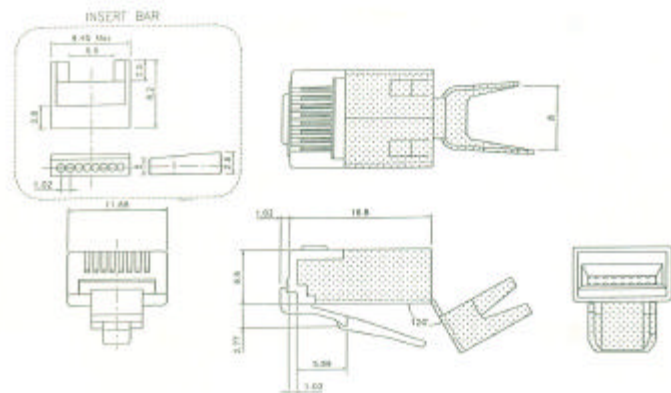


CATEGORY 5 PLUG

■ P/N: 5MP8P8C50-B2N (Non-Shielded Plug)



■ P/N: 5MP8P8C50-H2S (Shielded Plug)



PATCH CABLE ASSEMBLE PROCEDURE

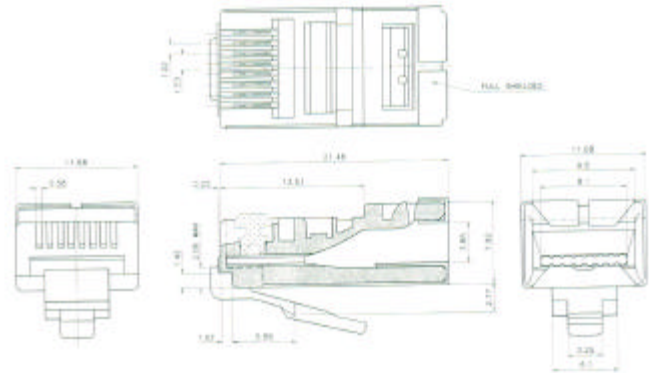
1. Strip the cable jacket to expose approximately 1.70 inches (41mm) of unshielded conductor.
2. Cut off aluminum foil, peel and folding back shielding over cable jacket through metallic strain relief hook to expose conductors, untwist individual conductor fit into Insert Bar. Cut off and reserve around 0.63" (16.00mm) for proper termination.
3. Push the Insert bar into housing and the wires under the plug contacts, use crimping hand tool to press the plug contact blade and drain wire or braid shielding under metallic strain relief hook at one time assembly with appropriate die set and terminated.
4. Cut off residue shielding to be finished semi-final assembly procedure, then you can use color cap over plug to snap into place, or put it into mold of injecting machine for molding Plastic cap.



STANDARD 8 POSITION MODULAR PLUG

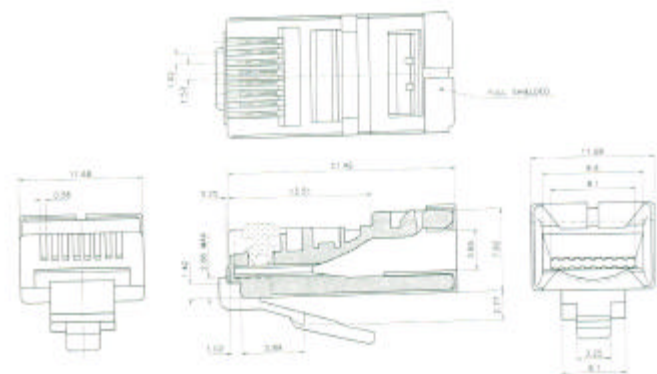
■ P/N: MP8P8C50-11S (for flat-oval cable, shielded type)

■ P/N: MP8P8C50-11N (for flat-oval cable, Non-shielded type)



■ P/N: MP8P8C50-12S (for ROUND cable, shielded type)

■ P/N: MP8P8C50-12N (for ROUND cable, Non-shielded type)



■ P/N: MP8P8C50-S1N (for flat-oval cable, short body and Non shielded type)

