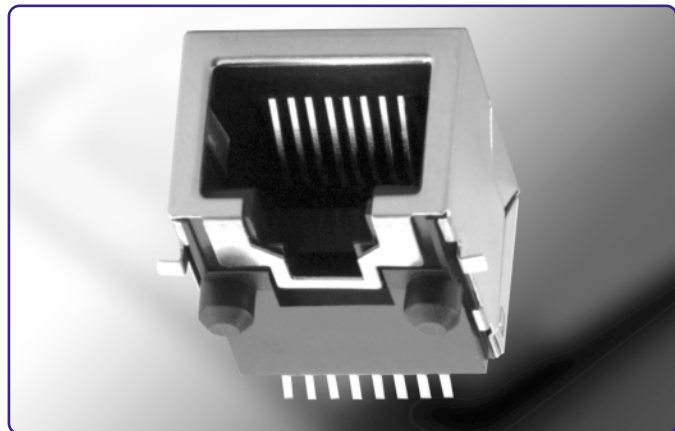




GM-SMT2 Series Surface Mount Modular Jack

Features



- 0.45" Height
- Low Profile Design Suitable for PC Add-On Board Applications
- Available in 4, 6, 8, and 10 Position Housings
- Available Fully Shielded for EMI/RFI Protection
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing Material

High Temperature Thermoplastic, Reflow Compatible, UL94V-0 Rated, Black Color

Shield Material

Copper Alloy, Nickel Plated

Contact Material

Phosphor Bronze

Electrical Characteristics

Insulation Resistance

500 Megohms Min

Dielectric Withstanding Voltage

1000V AC for 1 Minute

Contact Resistance

20 Milliohms Max

Current Rating

1.5 Amps

MODULAR JACKS AND PLUGS

GM-SMT2 Series

Ordering Information

GM-SMT2	-	N	-	8	-	8	-	-	
Series		Type		Size of Ports		Number of Contacts		Plating Options	Package Options

Series

GM-SMT2 - Surface Mount Right Angle Modular Jack

Type

- N - Non-Shielded with Locking Posts
- S - Fully Shielded with Locking Posts
- S2 - Fully Shielded with Non-Locking Posts
- S6 - Fully Shielded with Top and Side Grounding Tabs, with Non-Locking Posts
- S7 - Fully Shielded with Top and Side Grounding Tabs, with Locking Posts

Size of Ports

- 4 - 4 Positions
- 6 - 6 Positions
- 8 - 8 Positions
- 10 - 10 Positions

Number of Contacts

- 4 - 4 Contacts
- 6 - 6 Contacts
- 8 - 8 Contacts
- 10 - 10 Contacts

Plating Options

Designator	Plating Description
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F

Package Options

- Blank - Bulk
- TR - Tape & Reel

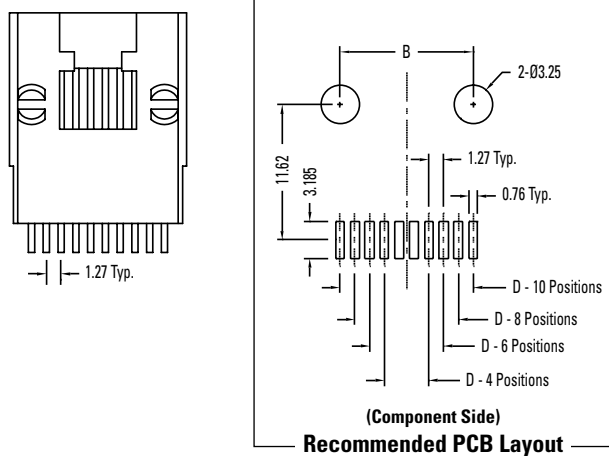
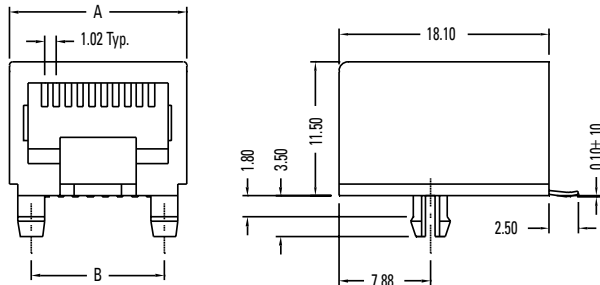
Available Options

Type	Position / Contacts				
	44	64	66	88	1010
N Non-Shield	•	•	•	•	•
S Shield		•	•	•	•
S2 Shield				•	•
S6 Shield				•	
S7 Shield				•	
T&R				•	•

GM-SMT2 Series Dimensions

Dimensions in mm

GM-SMT2-N



Part Number	Dimensions			
	A	B	C	D
GM-SMT2-N-44	11.21	7.62	-	3.81
GM-SMT2-N-64	12.96	10.16	-	3.81
GM-SMT2-N-66	12.96	10.16	-	6.35
GM-SMT2-N-88	15.03	11.43	-	8.89
GM-SMT2-N-1010	15.03	11.43		11.43

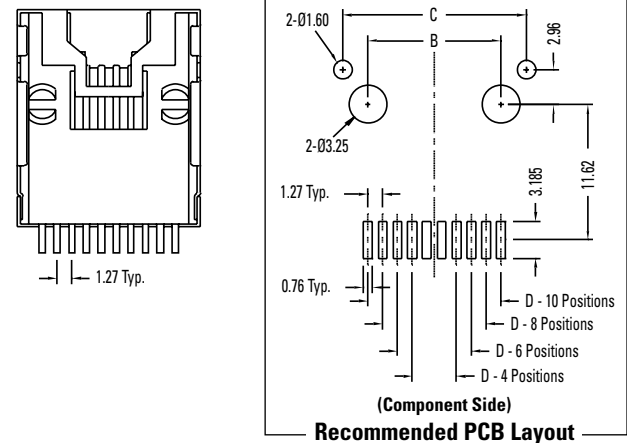
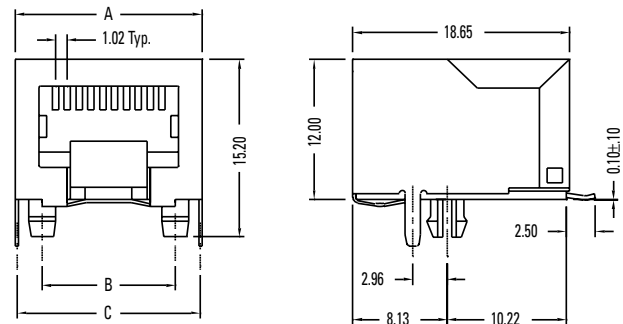
MODULAR JACKS AND PLUGS

GM-SMT2 Series

GM-SMT2 Series Dimensions

Dimensions in mm

GM-SMT2-S

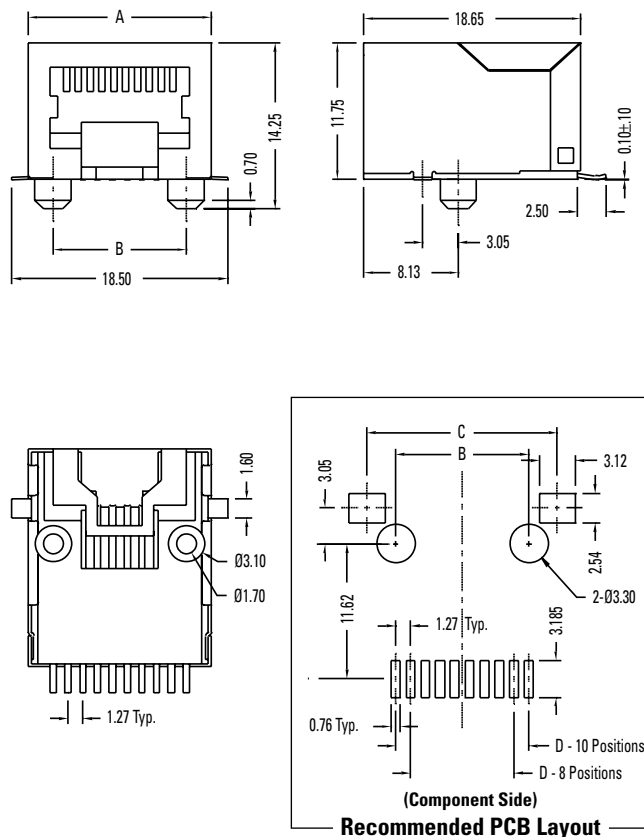


Part Number	Dimensions			
	A	B	C	D
GM-SMT2-S-64	13.70	10.16	13.50	3.81
GM-SMT2-S-66	13.70	10.16	13.50	6.35
GM-SMT2-S-88	15.74	11.43	15.54	8.89
GM-SMT2-S-1010	15.74	11.43	15.54	11.43

GM-SMT2 Series Dimensions

Dimensions in mm

GM-SMT2-S2



Part Number	Dimensions			
	A	B	C	D
GM-SMT2-S2-88	15.74	11.43	16.35	8.89
GM-SMT2-S2-1010	15.74	11.43	16.35	11.43

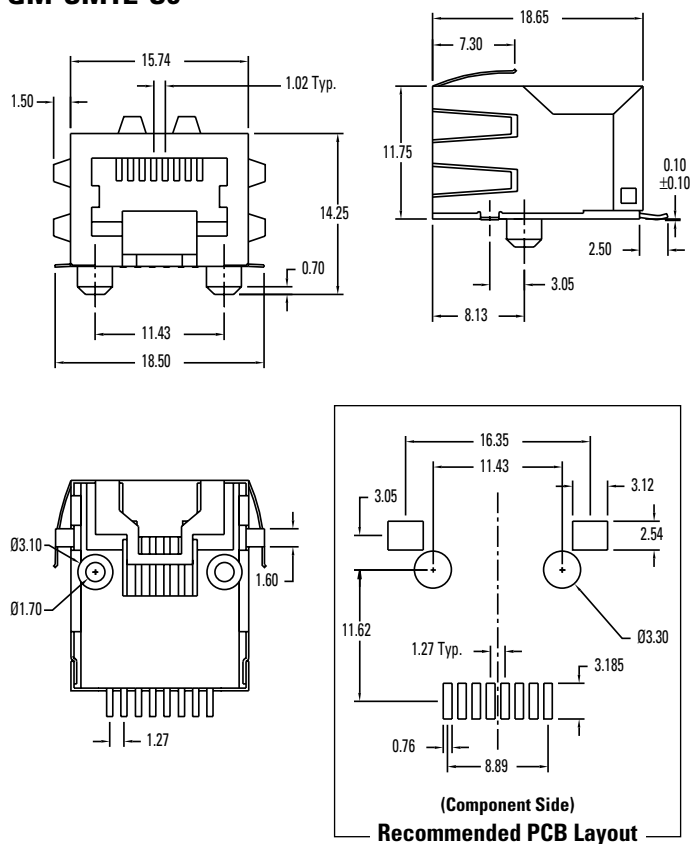
MODULAR JACKS AND PLUGS

GM-SMT2 Series

GM-SMT2 Series Dimensions

Dimensions in mm

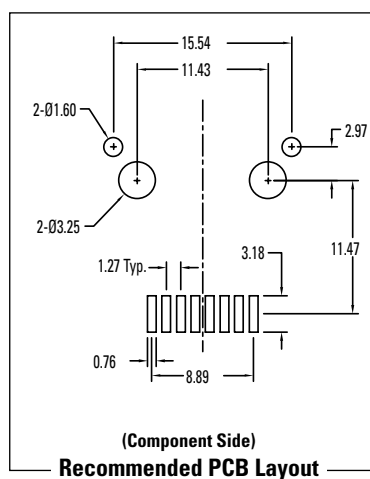
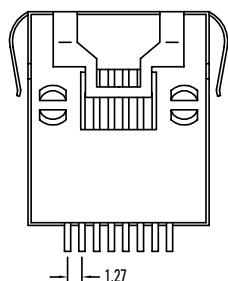
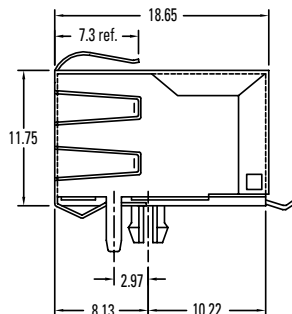
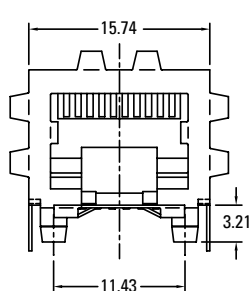
GM-SMT2-S6



GM-SMT2 Series Dimensions

Dimensions in mm

GM-SMT2-S7



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[GM-SMT2-S-64-50](#) [GM-SMT2-S-64](#)