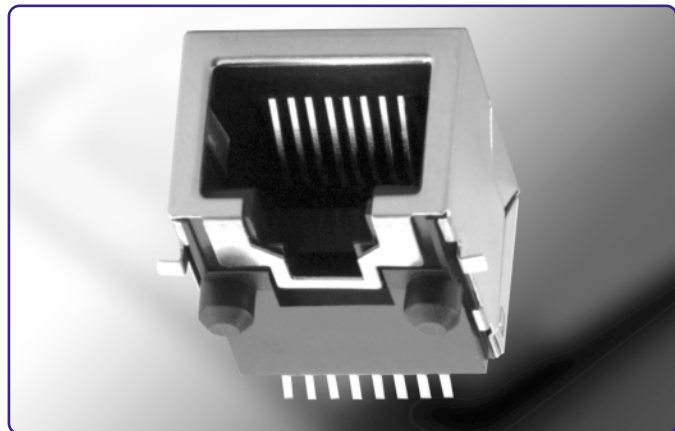




## GM-SMT2 Series Surface Mount Modular Jack

### 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

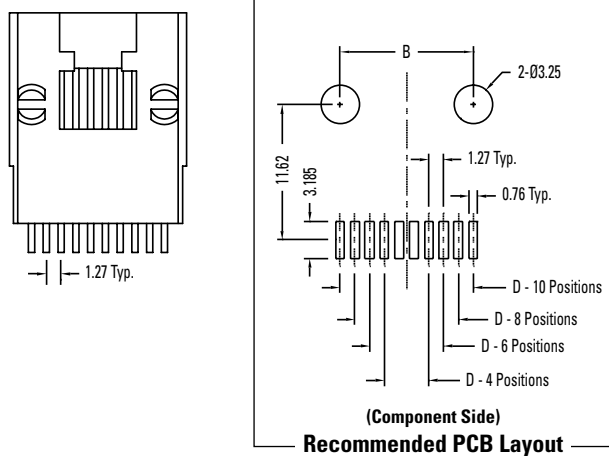
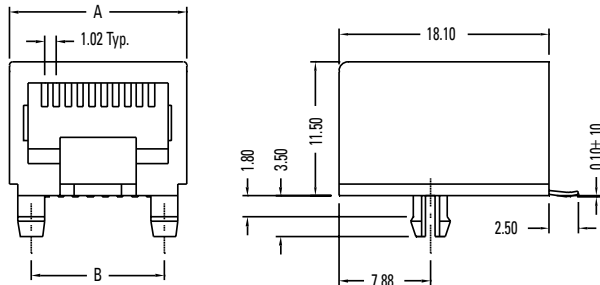
#### Available Options

| 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 |

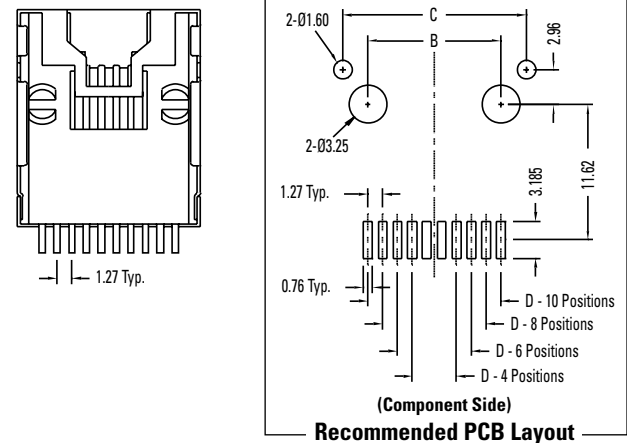
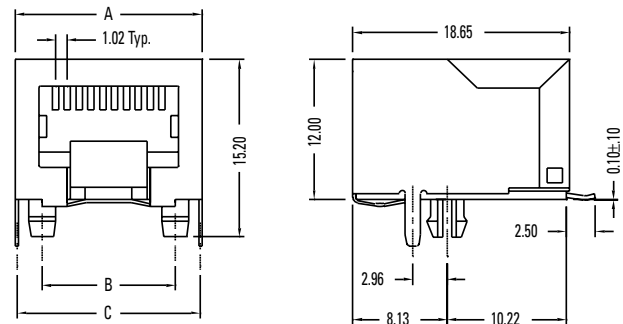
## MODULAR JACKS AND PLUGS

### GM-SMT2 Series

## GM-SMT2 Series Dimensions

Dimensions in mm

### GM-SMT2-S

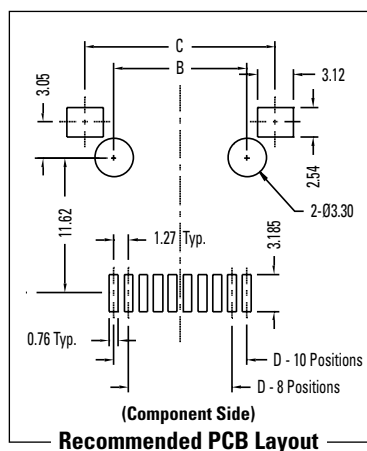
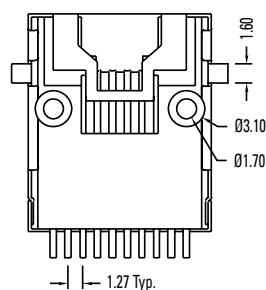
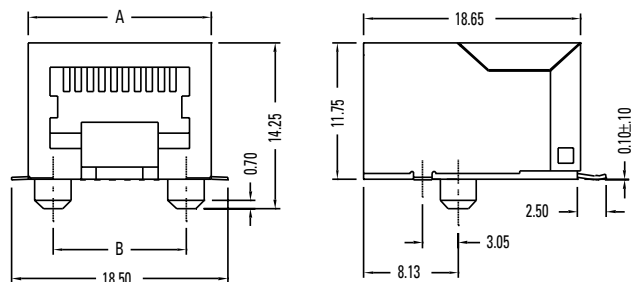


| Part Number    | Dimensions |       |       |       |
|----------------|------------|-------|-------|-------|
|                | A          | B     | C     | D     |
| GM-SMT2-S-64   | 13.70      | 10.16 | 13.50 | 3.81  |
| GM-SMT2-S-66   | 13.70      | 10.16 | 13.50 | 6.35  |
| GM-SMT2-S-88   | 15.74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

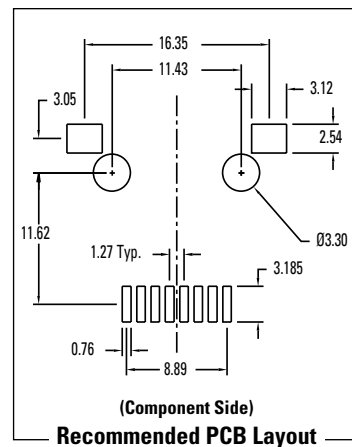
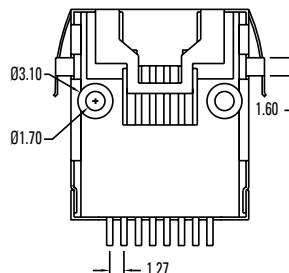
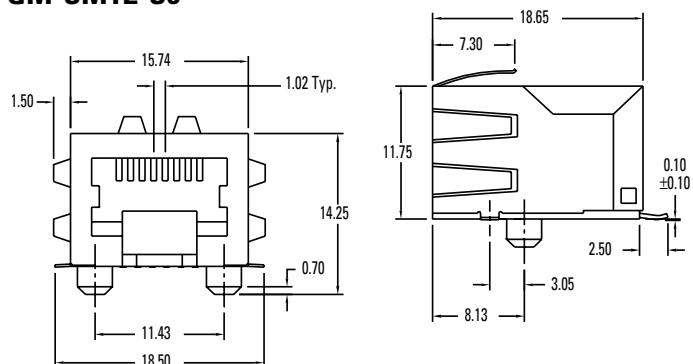
## MODULAR JACKS AND PLUGS

### GM-SMT2 Series

## GM-SMT2 Series Dimensions

Dimensions in mm

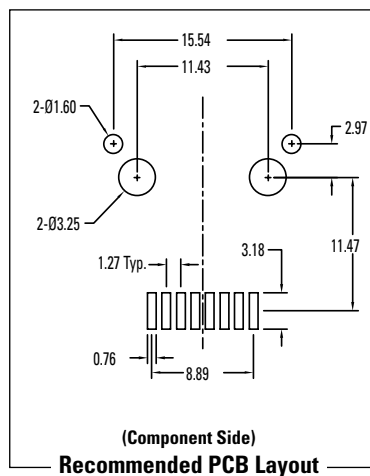
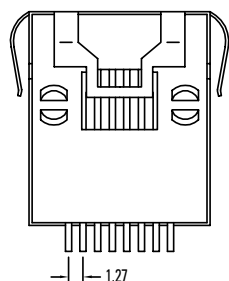
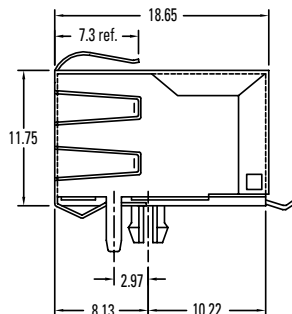
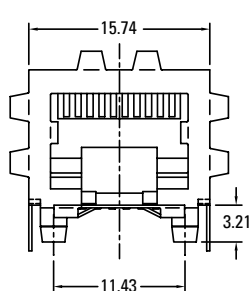
### GM-SMT2-S6



## GM-SMT2 Series Dimensions

Dimensions in mm

### GM-SMT2-S7



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