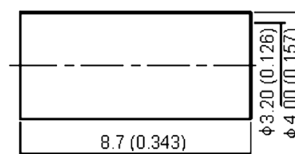
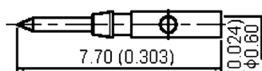
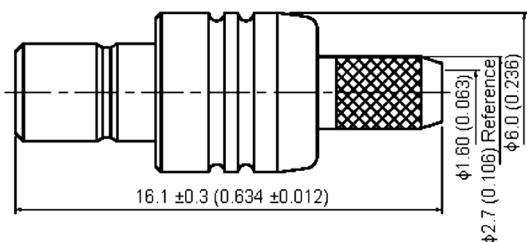


# SMB Straight Plug

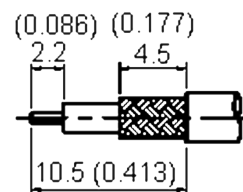


## Specifications:

|                                       |                    |
|---------------------------------------|--------------------|
| Connector Type                        | : SMB Coaxial      |
| Body Style                            | : Straight Plug    |
| Coaxial Termination                   | : Crimp            |
| Impedance                             | : 50Ω              |
| Coaxial Cable Types                   | : RG-174           |
| Contact Material                      | : Brass            |
| Contact Plating                       | : Gold             |
| Frequency Max                         | : 4GHz             |
| Connector Mounting                    | : Cable            |
| Contact Material                      | : Beryllium Copper |
| Contact Plating                       | : Gold over Nickel |
| Contact Resistance                    | : 6mΩ              |
| Insulation Resistance                 | : 1,000MΩ          |
| Insulator Material                    | : PTFE             |
| No. of Mating Cycles                  | : 500              |
| Operating Temperature                 | : -65°C to +165°C  |
| Working Voltage                       | : 250V             |
| Connector interface per MIL-STD-348A. |                    |
| Part to be clean and free of burrs.   |                    |



Dimensions : Millimetres (Inches)



Stripping Dimension

| Number | Description    | Material | Finish         |
|--------|----------------|----------|----------------|
| 1      | Body           | Brass    | Gold 3μ" Min.  |
| 2      | Insulation     | PTFE     | None           |
| 3      | Chassis        | Brass    | Gold 3μ" Min.  |
| 4      | Centre Contact |          | Gold 30μ" Min. |
| 5      | Crimp Ferrule  |          | Gold           |

## Part Number Table

| Description                       | Part Number |
|-----------------------------------|-------------|
| Plug, SMB, Straight, RG174, Crimp | 24-06L-TGG  |

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