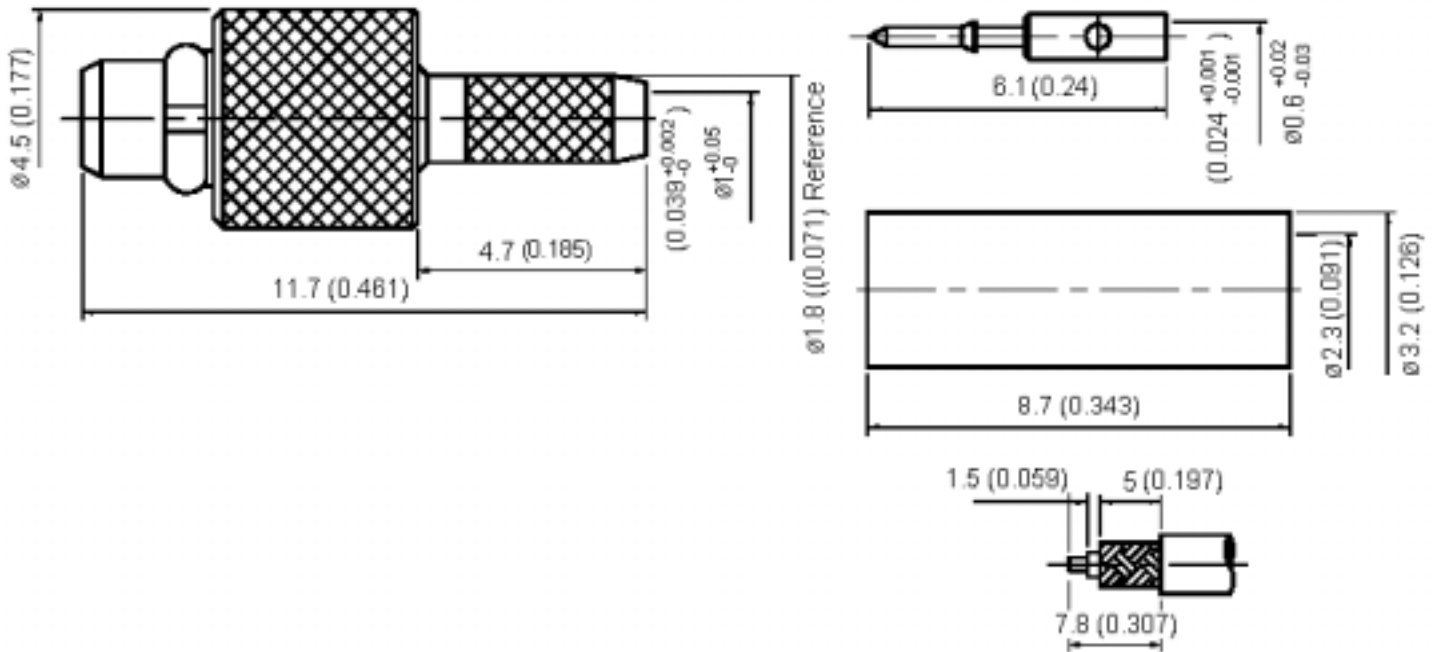


# MMCX Plug



Stripping Dimension

Dimensions : Millimetres (Inches)

## Specifications:

### Electrical Characteristics

|                         |               |
|-------------------------|---------------|
| Frequency Range         | : DC-6 GHz    |
| Nominal Impedance       | : 50 $\Omega$ |
| Maximum Working Voltage | : 170 V       |
| Proof Voltage           | : 500 V       |
| Maximum VSWR            | : 1.22        |

### Materials

|                |                                                                    |
|----------------|--------------------------------------------------------------------|
| Bodies         | : Brass per JIS-C3604<br>Beryllium copper per ASTM B196 UNS C17300 |
| Centre Contact | : Brass per JIS-C3604                                              |
| Insulation     | : PTFE per ASTM D1457 and ASTM D1710                               |
| Crimp Ferrule  | : Brass per JIS-C2700                                              |



## Mechanical Characteristics

Interface in accordance with BS EN 122340

For use with RG178U or similar style cable

Cable Attachment : Outer : Crimp  
Inner : Solder

Minimum Cable Retention : 6 lbs

Crimp Size Required : Contact : Solder

Ferrule : 2.8 (0.11) hexagon crimp tool

## Environmental Characteristics

Operating Temperature Range : -55°C to +155°C

## Specification Table

| Number | Description    | Material         | Finish                   | Part Number  |
|--------|----------------|------------------|--------------------------|--------------|
| 1      | Washer         | Beryllium Copper | Gold 3 µ Inches Minimum  | 37-01M-6-TGG |
| 2      | Body           | Brass            |                          |              |
| 3      | Insulation     | PTFE             | None                     |              |
| 4      | Chassis        | Brass            | Gold 3 µ Inches Minimum  |              |
| 5      | Centre Contact |                  | Gold 30 µ Inches Minimum |              |
| 6      | Crimp Ferrule  |                  | Gold                     |              |

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.