

# 49851 Series MCX Plug Straight Crimp

## General specifications

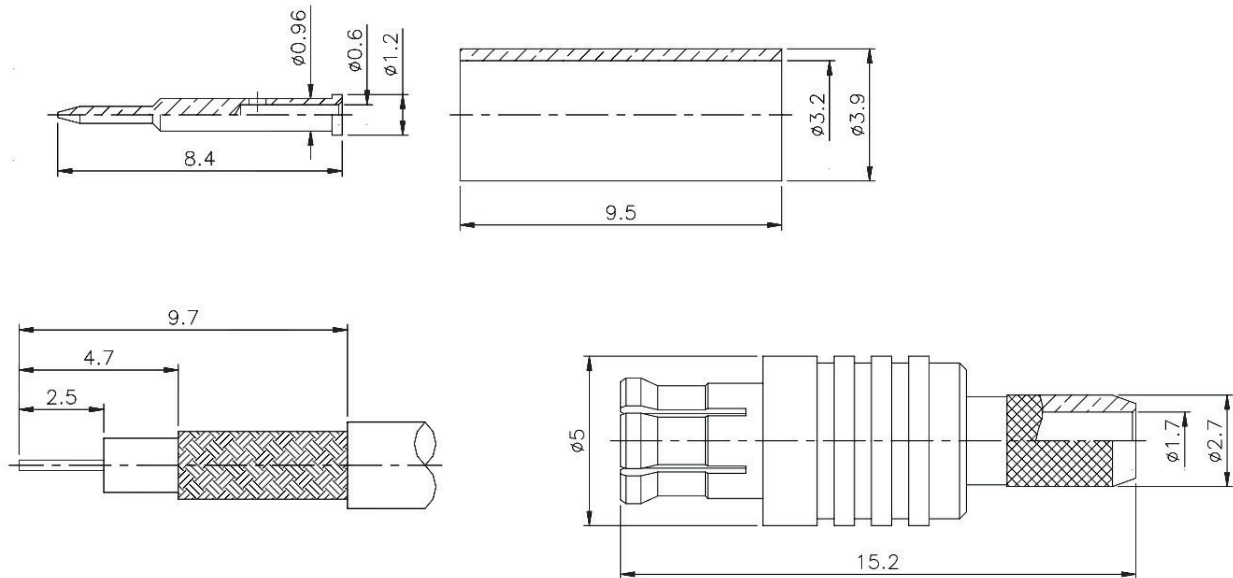
|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| Insulator material        | Teflon                                                 |
| Center contact material   | Brass, plating: gold                                   |
| Body material             | Beryllium copper, plating: gold                        |
| Crimp ferrules            | Annealed brass, plating: gold                          |
| Impedance                 | 50 $\Omega$                                            |
| Frequency range           | 0 to 6 GHz                                             |
| Contact resistance        | Center: 5 m $\Omega$ max. / outer: 2.5 m $\Omega$ max. |
| Insulator resistance      | 1000 M $\Omega$ min.                                   |
| Dielectrical withstanding | 500 VAC                                                |
| Operation temperature     | -65 C to +155 C                                        |
| Durability                | 500 cycles                                             |



RoHS  
compliant

## Mechanical dimensions

Unit: mm



| Tolerances |         |           |
|------------|---------|-----------|
| Linear     | <6      | $\pm 0.2$ |
|            | 6 to 30 | $\pm 0.4$ |
|            | >30     | $\pm 0.6$ |

## Part numbering guide

49851

Series

A

Cable

A = RG-174/U, 188/U, 316/U

B = RG-316/U double braid

C = RG-178B/U, 196A/U

\* standard

