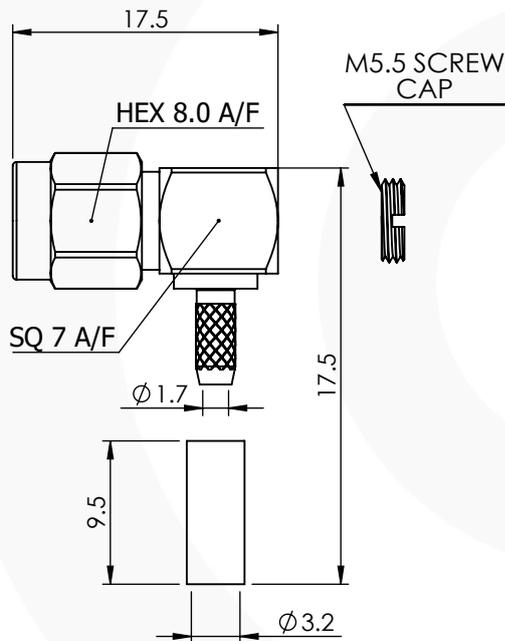


## SMA RP RIGHT ANGLED SOLDER/CRIMP PLUG

### 31-105-D3-AD



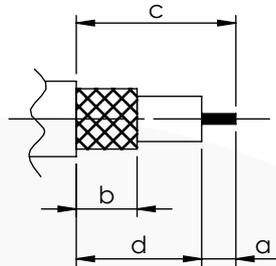
images for illustration purposes only



### Suitable for Cables:

(AD) RG316, RG174, RG188, LMR100, WBC100, URM95, KX3, KX22

### Stripping Dimensions



a = 2.0 mm  
b = 7.0 mm  
c = 13.0 mm  
d = 11.0 mm

### Assembly Procedure:

#### Tooling

Centre Contact: Solder Tool No: Not Applicable  
Crimp Sleeve: Hex 3.25mm A/F Tool No: 336J  
Alignment Tool: Not Applicable Extraction: Not Applicable

### Environmental Specification

Operating Temp: -55 to +155 Deg C.  
IP Rating (Mated): IP 54

### Electrical Specification

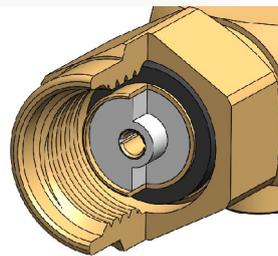
Impedance: 50 Ohm  
Frequency: 0 - 12 GHz  
Dielectric W/V: 750 Veff  
Insulation res: 5000 M-Ohm

### Mechanical Specification

Contact Retention: 27 N min  
Cable Retention: 90 N min  
Mating cycles: 100  
Weight: 5.56 g

### Connector Interface

image for illustration purposes only



6	SCREW CAP	BRASS	GOLD
5	COUPLING NUT	BRASS	GOLD
4	GASKET	SILICONE	N/A
3	INSULATOR	PTFE	N/A
2	CENTRE CONTACT	BeCu	GOLD
1	BODY	BRASS	GOLD
ITEM	DESCRIPTION	MATERIAL	PLATING

<b>A4</b>	SHEET 1 OF 1	DIMENSIONS ARE IN MILLIMETRES		
REVISION :	A00	NAME	SIGNATURE	DATE
ISSUE :	1	DRAWN	G.E.	03/11/2021
		CHK'D	P.S.	03/11/2021
		APPV'D		
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