

Data sheet

SMA Straight Plug Crimp for RG174/316U

RS stock No: 7385894

1.0 ELECTRICAL

- 1.1 FREQUENCY RANGE: DC-3 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHM
- 1.3 WORKING VOLTAGE: 300 VOLTS MAX.
- 1.4 PROOF VOLTAGE: 750 VOLTS
- 1.5 VSWR: 1.21 MAX.

2.0 MATERIALS

- 2.1 BODIES: BERYLLIUM COPPER PER ASTM B106 UNS C17300
- 2.2 CENTER CONTACT: BERYLLIUM COPPER PER ASTM B106 UNS C17300
- 2.3 INSULATION: TEFLON PER ASTM D1457 AND ASTM D1710
- 2.4 CRIMP FERRULE: BRASS PER JIS-C8700

3.0 FINISHES AND OTHERS

- 3.1 SEE BELOW TABLE FOR DETAILS.

4.0 MECHANICAL

- 4.1 INTERFACE IN ACCORDANCE WITH MIL-STD-3486A
- 4.2 FOR USE WITH RG174U OR SIMILAR STYLE CABLE
- 4.3 CABLE ATTACHMENT: OUTER: CRIMP, INNER: SOLDER/CRIMP
- 4.4 RECOMMENDED COUPLING TORQUE: 3 TO 6 in-lbs
- 4.5 CRIMP SIZE REQUIRED: CONTACT: 0.84(0.025) SQ. CRIMP TOOL
FERRULE: 3.5(130) HEX. CRIMP TOOL

5.0 ENVIRONMENTAL

- 5.1 OPERATING TEMPERATURE RANGE: -85° C TO +155° C

NO	DESCRIPTION	MATERIAL	Q'TY	FINISH
7	CRIMP FERRULE	BRASS	1	GOLD 3μ MIN. OVER ELECTROLESS NICKEL 50μ MIN.
6	CENTER CONTACT	BERYLLIUM COPPER	1	GOLD 50μ MIN. OVER ELECTROLESS NICKEL 50μ MIN.
5	BODY	BERYLLIUM COPPER	1	GOLD 3μ MIN. OVER ELECTROLESS NICKEL 50μ MIN.
4	WASHER	BERYLLIUM COPPER	1	NONE
3	GASKET	SILICONE	1	RED
2	INSULATION	TEFLON	1	NONE
1	SHELL	BERYLLIUM COPPER	1	GOLD 3μ MIN. OVER ELECTROLESS NICKEL 50μ MIN.

APPROVED by _____

DESCRIPTION		SMA STRAIGHT PLUG CRIMP	
製圖	Yoko	TOLERANCE	品名 60-01 T.G.G 174U
検査	Lewis	XX ±0.1	TITLE \ROHS COMPLIANT (500)
認定	Lewis	XXX ±0.05	DATE 05.28.10
		ANGLE ±5°	版次 A-0
		比例 4:1	DWG.NO. 60-0001

