

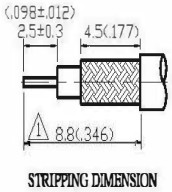
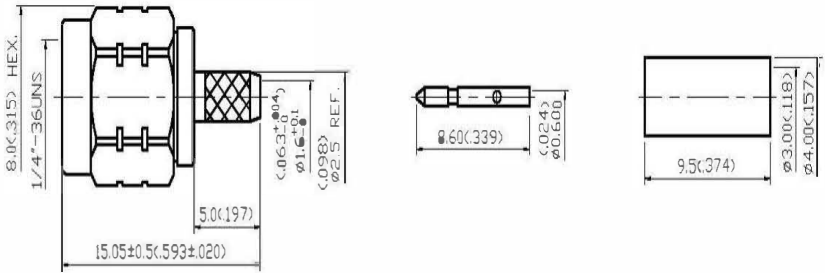


# Datasheet

## RS PRO Non-Magnetic SMA Straight Plug Crimp

Stock number: 738-5894

EN



### 1.0 ELECTRICAL

- 1.1 FREQUENCY RANGE: DC-6 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHM
- 1.3 VOLTAGE RATING: 335 VOLTS MAX.
- 1.4 VSWR: 1.21 MAX. @3 GHz

### 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 JS-C2700

### 3.0 FINISHES AND OTHERS

- 3.1 SEE BELOW TABLE FOR DETAILS.

### 4.0 MECHANICAL

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-348A
- 4.2 FOR USE WITH RG174U OR SIMILAR STYLE CABLE
- 4.3 CABLE ATTACHMENT: OUTER: CRIMP, INNER: SOLDER
- 4.4 RECOMMENDED COUPLING TORQUE: 3 TO 5 in.-lbs
- 4.5 CRIMP SIZE REQUIRED: FERRULE: 3.5(1.38) HEX. CRIMP TOOL

### 5.0 ENVIRONMENTAL

- 5.1 OPERATING TEMPERATURE RANGE: -65° C TO +165° C

NO	DESCRIPTION	MATERIAL	QTY	FINISH
7	CRIMP FERRULE	BRASS	1	GOLD 3μ"MIN.
6	CENTER CONTACT	BERYLLIUM COPPER	1	GOLD 50μ"MIN.
5	BODY	BERYLLIUM COPPER	1	GOLD 3μ"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.

DESCRIPTION		NON-MAGNETIC SMA STRAIGHT PLUG CRIMP										
製圖	DRAWN	TOLEANCE	品名	174U	日期	DATE	版次	REV.				
	Amy	X ±0.2	TITLE	NRDHS COMPLIANT (500)	05.28.10	05.28.10	A-4					
檢圖	CHECK	XX ±0.1	單位	DWG NO.	60-0001							
	Jenny	XXX ±0.05	SCALE									
認定	Jenny	ANGLE ±5°	比例	4:1								