

Datasheet  
**Stock No:1707014**  
**RS Pro BNC STRAIGHT PLUG CRIMP**

Technical drawing showing side and end views of the BNC straight plug crimp with dimensions in inches and millimeters.

Dimensions (Inches / Millimeters):

- Overall length: 11.90 (.469)
- Outer diameter:  $\varnothing 0.650 (.026)$
- Inner diameter:  $\varnothing 4.50 (.177)$
- Strip length: 12.7  $\pm 0.3 (.500 \pm 0.012)$
- Strip thickness:  $\varnothing 5.30 (.209)$
- Strip length (reference):  $\varnothing 2.70 \pm 0.1 (.106 \pm 0.004)$
- Strip length (reference):  $\varnothing 3.85 (.152)$  REF.
- Strip length (reference): 23.6  $\pm 0.5 (.929 \pm 0.020)$
- Strip length (reference):  $\varnothing 14.5 (.571)$
- Strip length (reference): 3.5 (.138)
- Strip length (reference): 7.5 (.295)
- Strip length (reference): 15.50 (.610)

STRIPPING DIMENSION  
SCALE 2:1

APPROVED by \_\_\_\_\_ DATE: \_\_\_\_\_

**1.0 ELECTRICAL**

- 1.1 FREQUENCY RANGE: DC-6 GHz
- 1.2 NOMINAL IMPEDANCE: 75 OHMS
- 1.3 VOLTAGE RATING: 300 VOLTS MAX.
- 1.4 VSWR: 1.3 MAX.

**2.0 MATERIALS**

- 2.1 BODIES: BRASS PER JIS C3604
- 2.2 CENTER CONTACT: BRASS PER JIS C3604
- 2.3 INSULATION: TEFLON PER ASTM D1457 AND ASTM D1710
- 2.4 CRIMP FERRULE: BRASS PER JIS C7700

**3.0 FINISHES AND OTHERS**

- 3.1 SEE BELOW TABLE FOR DETAILS.

**4.0 MECHANICAL**

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-3484
- 4.2 FOR USE WITH: 1855A OR SIMILAR STYLE CABLE
- 4.3 CABLE ATTACHMENT: OUTER: CRIMP, INNER: SOLDER
- 4.4 CRIMP SIZE REQUIRED: FERRULE: +66(.81) HEX. CRIMP TOOL.

**5.0 ENVIRONMENTAL**

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

NO	DESCRIPTION	MATERIAL	QTY	FINISH
9	CENTER CONTACT	BRASS	1	GOLD 3 $\mu$ " MIN.
8	CRIMP FERRULE	BRASS	1	NICKEL
7	SHELL	BRASS	1	NICKEL 100 $\mu$ " MIN.
6	INSULATION	TEFLON	1	NONE
5	GASKET	SILICONE	1	RED
4	WASHER	BRASS	1	NICKEL
3	SPRING WASHER	SK-5	1	NICKEL
2	WASHER	BRASS	1	NICKEL
1	BODY	BRASS	1	NICKEL 100 $\mu$ " MIN.

DESCRIPTION	BNC STRAIGHT PLUG CRIMP
DRAWN	Jackie
TOLERANCE	.X $\pm 0.2$
CHECK	Arc $\pm 0.1$
APPROVAL	Jenny $\pm 0.05$
ANGLE	$\pm 5^\circ$
SCALE	3:1
UNIT	mm(in)
DWG. NO.	13-0698-Z
品名	40130108023027
品名	ROHS COMPLIANT
版次	A-0
日期	11.29.17
REV.	
製圖	
檢圖	
認定	