

**1.0 ELECTRICAL**

- 1.1 FREQUENCY RANGE: DC-12.4 GHz
- 1.2 NOMINAL IMPEDANCE: 50 OHMS
- 1.3 VOLTAGE RATING: 335 VOLTS MAX.
- 1.4 VSWR: 1.5 MAX. @12.4 GHz  
1.22 MAX. @6.1 GHz

**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-C2700

**3.0 FINISHES AND OTHERS**

- 3.1 SEE BELOW TABLE FOR DETAILS.

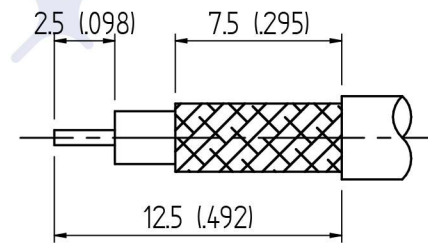
**4.0 MECHANICAL**

- 4.1 INTERFACE IN ACCORDANCE WITH: MIL-STD-348A
- 4.2 FOR USE WITH RG58U OR SIMILAR STYLE CABLE
- 4.3 CABLE ATTACHMENT: OUTER: CRIMP, INNER: SOLDER/CRIMP
- 4.4 RECOMMENDED COUPLING TORQUE: 3 TO 5 in-lbs
- 4.5 CRIMP SIZE REQUIRED: CONTACT: 0.92(.036) SQ. CRIMP TOOL  
FERRULE: 5.5(.216) HEX. CRIMP TOOL

**5.0 ENVIRONMENTAL**

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

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STRIPPING DIMENSION

7	CRIMP FERRULE	BRASS	1	GOLD 5 μ" MIN. OVER WHITE BRONZE 80 μ" MIN.
6	CENTER CONTACT	BRASS	1	GOLD 30 μ" MIN. OVER WHITE BRONZE 80 μ" MIN.
5	BODY	BRASS	1	GOLD 5 μ" MIN. OVER WHITE BRONZE 80 μ" MIN.
4	INSULATION	TEFLON	1	NONE
3	WASHER	STAINLESS STEEL	1	NONE
2	GASKET	SILICONE	1	RED
1	SHELL	BRASS	1	GOLD 5 μ" MIN. OVER WHITE BRONZE 80 μ" MIN.
NO	DESCRIPTION	MATERIAL	Q'TY	FINISH

DESCRIPTION		SMA STRAIGHT PLUG CRIMP						
製圖	DRAWN	TOLERANCE		品名	40190108008018	58U	DATE	REV.
	Frank	.X	±0.2	TITLE	ROHS COMPLIANT	(50Ω)	01.19.21'	A-0
檢圖	CHECK	.XX	±0.1	單位	DWG.NO. 19-0138-5G			
	Jenny	.XXX	±0.05	mm(in)				
認定	APPROVAL	ANGLE	±5°	比例	SCALE 4:1			
	Jenny							



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