

NOTES:

1. MATERIALS AND FINISHES:  
 BODY AND SHELL - BRASS, GOLD PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 RETAINING RING - SUS 304, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 FERRULE - COPPER, GOLD PLATING

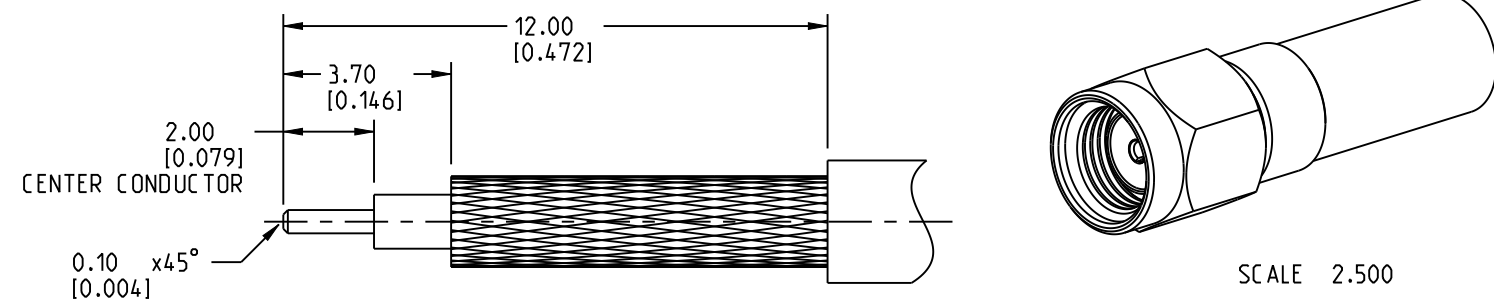
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 12.4 GHz

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

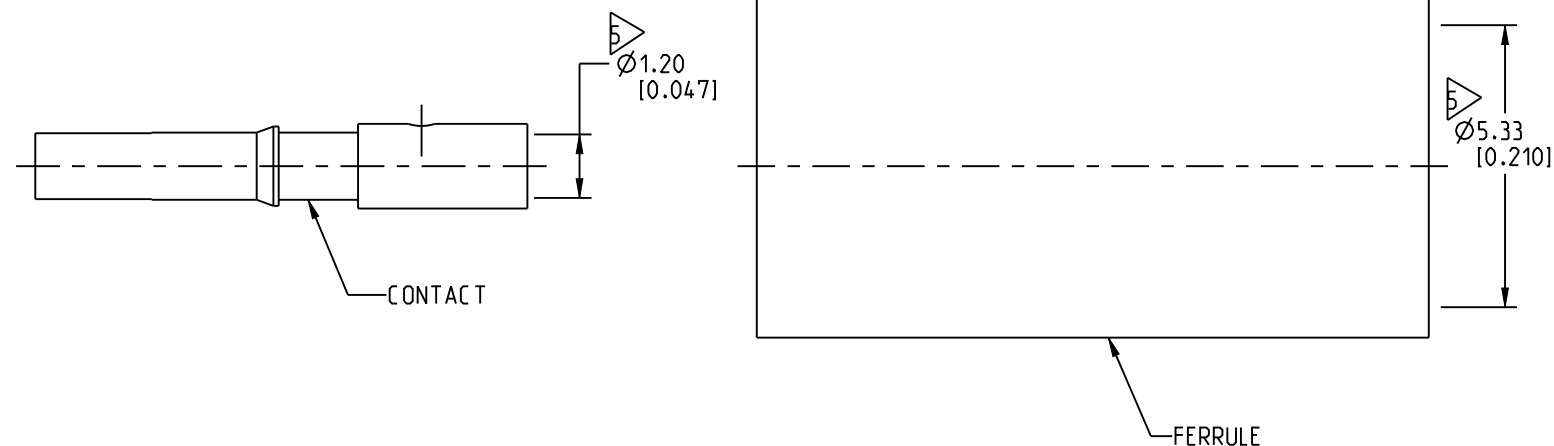
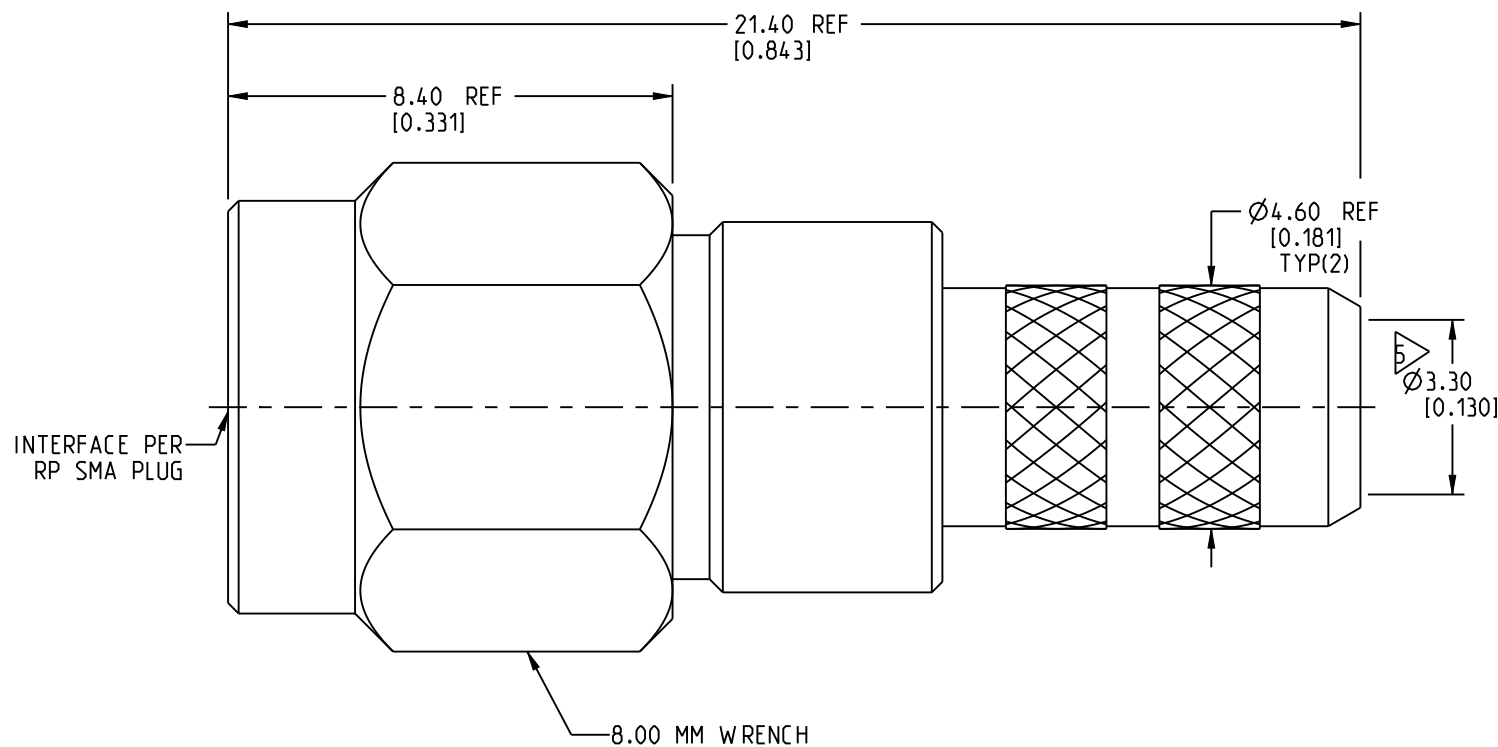
4. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO THE CABLE.  
 C. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.  
 D. INSERT CABLE INTO CONNECTOR WITH BRAID OVER KNURL UNTIL IT BOTTOMS  
 E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

▷ SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
--	RELEASE TO MFG.	--	--	--
C	COD SHEET ADDED	--	--	TR



RECOMMENDED CABLE STRIPPING DIMENSIONS



**PRELIMINARY ISSUE**

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:  
 <0.5mm = ±0.05mm [ $\pm 0.020 = \pm 0.002$ ]  
 0.5 - 6mm = ±0.1mm [ $\pm 0.020 - 0.236 = \pm 0.004$ ]  
 >6.00 - 30mm = ±0.2mm [ $\pm 0.236 - 1.181 = \pm 0.008$ ]  
 >30.00 - 120mm = ±0.3mm [ $\pm 1.181 - 4.725 = \pm 0.012$ ]

MATERIAL: SEE NOTES  
 ENGR.1: M.ZHANG  
 ENGR.2: [blank]  
 DATE: 11-JUN-12

TITLE: RP SMA STR PLUG FOR TIMES LMR 200 CABLE  
 SHEET NO. 2 OF 2  
 SCALE: 7.0:1.0

Amphenol RF  
 DRAWING NO. RSMA1111A1-3GT50G-LMR200-50  
 ITEM NO. 611111AAA20GA5F  
 PART NO. 132234RP  
 REV: [blank]