

NOTES:

1. MATERIALS AND FINISHES:
SMA STR PLUG - BRASS, GOLD PLATING
SMA STR BHD JACK - BRASS, GOLD PLATING
CABLE - RG 142

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 135110-07-XX-XX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	COD SHEET ADDED	30-Jul-19	12434	VK

SCALE 0.800

RECOMMENDED MOUNTING HOLE DIMENSIONS

HEAT SHRINK TUBE TYP(2)
1.000 [25.40] REF TYP(2)
8.00 MM WRENCH
INTERFACE PER MIL-STD-348 SERIES: SMA PLUG

LENGTH 'L' (SEE TABLE)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
135110-07-06.00	-	6.00 [0.152]
-	135110-07-M0.25	9.84 [0.250]
135110-07-12.00	-	12.00 [0.305]
-	135110-07-M0.50	19.69 [0.500]
135110-07-24.00	-	24.00 [0.610]
-	135110-07-M0.75	29.53 [0.750]
135110-07-36.00	-	36.00 [0.914]
-	135110-07-M1.00	39.37 [1.000]
135110-07-48.00	-	48.00 [1.219]
-	135110-07-M2.00	78.74 [2.000]
-	135110-07-M6.00	236.22 [6.000]

0.449 [11.40] REF
1/4-36UNS-2A THREAD
8.00 MM WRENCH
0.230 [5.85] 'D' FLAT
INTERFACE PER MIL-STD-348 SERIES: SMA JACK
LOCKWASHER

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

☒ FREQUENCY: ---- GHz

☒ CONTINUITY

☐ VSWR: ---- 1 MAX.

☒ HI-POT: 1000 VRMS

☐ INS. LOSS: ---- dB MAX.

☐ OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL SEE NOTES	DRAWN VIJI K	DATE 19-Jul-19	TITLE SMA STR PLUG TO SMA STR BHD JACK USING RG142 CABLE VARIOUS LENGTH		Amphenol RF www.amphenolrf.com	
		ENGINEER CLEMENT	DATE 07-May-10				
		REFERENCE EAR #	DATE 30-Jul-19	SCALE: 2.4:1.0 SHEET 2 OF 2		DRAWING NO.135110-07-XX-XX	
		CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV B	ITEM NO.135110-07-XX-XX PART NO.135110-07-XX-XX