

NOTES:  

1. MATERIALS AND FINISHES:  
MMCX STR PLUG - BRASS, GOLD PLATING  
SMA STR BHD JACK - BRASS, GOLD PLATING  
CABLE - RG 174  
  
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
  
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 245107-02-XX-XX AND DATE CODE"

THIRD ANGLE PROJ.

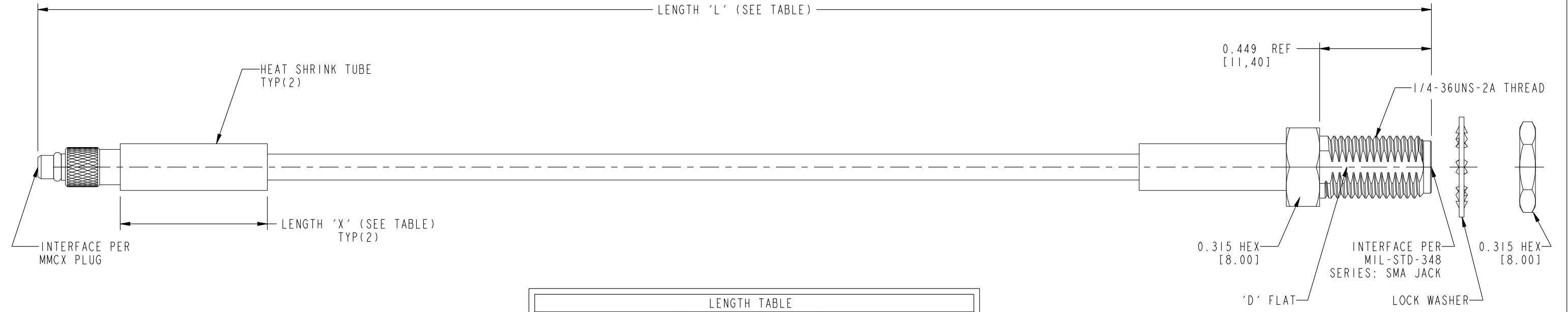
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	COD SHEET ADDED	30-Jan-19	10403	SKP

Ø0.256  
[6,50]  
  
0.236  
[6,00]

RECOMMENDED MOUNTING  
HOLE DIMENSIONS

SCALE 1.000



LENGTH TABLE		
PART NUMBER (IMPERIAL)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
245107-02-06.00	6.00 [0.152]	0.75 [0.019]
245107-02-12.00	12.00 [0.305]	
245107-02-18.00	18.00 [0.457]	
245107-02-24.00	24.00 [0.610]	1.50 [0.038]
245107-02-36.00	36.00 [0.914]	

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: ---- TO ---- GHz

☒ CONTINUITY

☐ VSWR: ---- 1 MAX.

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ---- dB MAX.

☐ OTHER

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°			MATERIAL  SEE NOTES	DRAWN CLEMENT	DATE 02-Aug-10	TITLE MMCX STR PLUG TO SMA STR BHD JACK USING RG 174 CABLE VARIOUS LENGTH		Amphenol RF <a href="http://www.amphenolrf.com">www.amphenolrf.com</a>	
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			CONFIGURATION LEVEL: In Work	APPROVED K.CAPOZZI	DATE 30-Jan-19	SCALE: 2.6:1.0	SHEET 2 OF 2	ITEM NO.245107-02-XX-XX	
			FINISH	CAD FILE		DWG SIZE B	REV B	PART NO.245107-02-XX-XX	

# Mouser Electronics

Authorized Distributor

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