

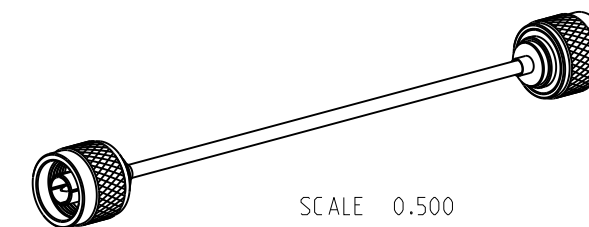
NOTES:

1. MATERIALS AND FINISHES:
N STR SOLDER PLUG - BRASS, WHITE BRONZE PLATING
CABLE - 0.141 SEMI-RIGID HAND CONFORMABLE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 175101-R2-XX.XX AND DATE CODE"

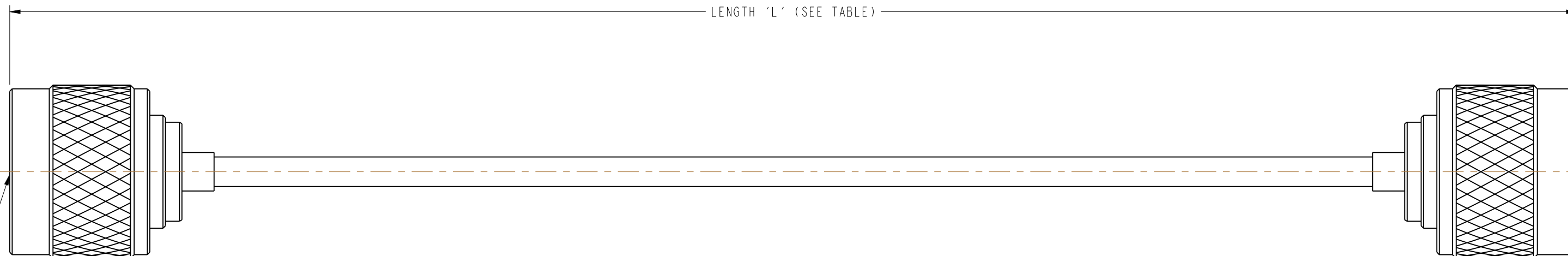
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	FORMAT UPDATED, 18.00" & METRIC LENGTHS ADDED	29-Sep-16	1984	MR



LENGTH 'L' (SEE TABLE)



INTERFACE PER MIL-STD-348 SERIES:N PLUG TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
175101-R2-06.00	-	6.00 [0.152]
-	175101-R2-M0.25	9.84 [0.250]
175101-R2-12.00	-	12.00 [0.305]
175101-R2-18.00	-	18.00 [0.457]
-	175101-R2-M0.50	19.69 [0.500]
175101-R2-24.00	-	24.00 [0.610]
-	175101-R2-M0.75	29.53 [0.750]
175101-R2-36.00	-	36.00 [0.914]
-	175101-R2-M1.00	39.37 [1.000]
175101-R2-48.00	-	48.00 [1.219]
-	175101-R2-M2.00	78.74 [2.000]
-	175101-R2-M4.00	157.48 [4.000]

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

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°	MATERIAL	DRAWN	DATE	TITLE N STR SOLDER PLUG TO N STR SOLDER PLUG, USING 0.141 SEMI-RIGID HAND CONFORMABLE CABLE VARIOUS LENGTH		Amphenol RF www.amphenolrf.com	
	SEE NOTES	MADHAN G	04-Jul-16				
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	EAR # 7307	GOPI M	25-Jan-12				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE	REV	PART NO. 175101-R2-XX-XX
FINISH	K. CAPOZZI	29-Sep-16		B	B		

Mouser Electronics

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[Amphenol:](#)

[175101-R2-M0.50](#) [175101-R2-M0.25](#) [175101-R2-M4.00](#) [175101-R2-M1.00](#) [175101-R2-M0.75](#) [175101-R2-M2.00](#)