

NOTES:

1. MATERIALS AND FINISHES:
N STR CRIMP PLUG - BRASS, WHITE BRONZE PLATING
CABLE - LMR 400

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 175101-10-XX.XX, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Jun-10	--	CL
D	SEE SHEET 1	1/5/16	50917	NR

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' INCHES [METERS]
175101-10-06.00	-	6.00 [0.152]
-	175101-10-M0.25	9.84 [0.250]
175101-10-12.00	-	12.00 [0.305]
175101-10-18.00	-	18.00 [0.457]
-	175101-10-M0.50	19.69 [0.500]
175101-10-24.00	-	24.00 [0.610]
-	175101-10-M0.75	29.53 [0.750]
175101-10-36.00	-	36.00 [0.914]
-	175101-10-M1.00	39.37 [1.000]
175101-10-48.00	-	48.00 [1.219]
175101-10-72.00	-	72.00 [1.829]
-	175101-10-M2.00	78.74 [2.000]
175101-10-96.00	-	96.00 [2.438]
175101-10-108	-	108.00 [2.743]
175101-10-120	-	120.00 [3.048]
-	175101-10-M4.00	157.48 [4.000]
175101-10-240	-	240.00 [6.096]
175101-10-360	-	360.00 [9.144]
-	175101-10-M10	393.70 [10.000]
175101-10-480	-	480.00 [12.192]

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

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: DC TO 5.8 GHz

☒ CONTINUITY

☐ VSWR: ----- MAX

☒ HI-POT : 500 VRMS

☐ INS. LOSS ----- dB MAX

☐ OTHER

* ADDITIONAL LENGTHS CAN BE PROVIDED,
CONTACT AMPHENOL RF MARKETING FOR QUOTE

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		Amphenol RF www.amphenolrf.com					
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			REFERENCE		ENGINEER		DATE									
			EAR 7034		RAJAGOPAL N		07-Dec-15									
			CONFIGURATION LEVEL: In Work		APPROVED		DATE		SCALE: 1.4:1.0							
			FINISH		K. CAPOZZI		12/23/15		SHEET 2 OF 2							
					CAD FILE				DWG SIZE		REV	D				
									B							
											DRAWING NO.175101-10-XX.XX					
											ITEM NO.175101-10-XX.XX					
											PART NO.175101-10-XX.XX					