

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

SCALE 0.400

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

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

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]

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 SEE NOTES		DRAWN RAJAGOPAL N DATE 07-Dec-15		TITLE N STR CRIMP PLUG TO N STR CRIMP PLUG USING LMR 400 CABLE, VARIOUS LENGTHS		Amphenol RF www.amphenolrf.com	
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			APPROVED K. CAPOZZI DATE 12/23/15		CAD FILE		SCALE: 1.4:1.0 SHEET 2 OF 2		DRAWING NO.175101-10-XX.XX	
			CONFIGURATION LEVEL: In Work				DWG SIZE B		REV D	
			FINISH						ITEM NO.175101-10-XX.XX	
									PART NO.175101-10-XX.XX	