

NOTES:

1. MATERIALS AND FINISHES:
BNC STR CRIMP PLUG - PHOSPHOR BRONZE, NICKEL PLATING
CABLE - BELDEN 179DT

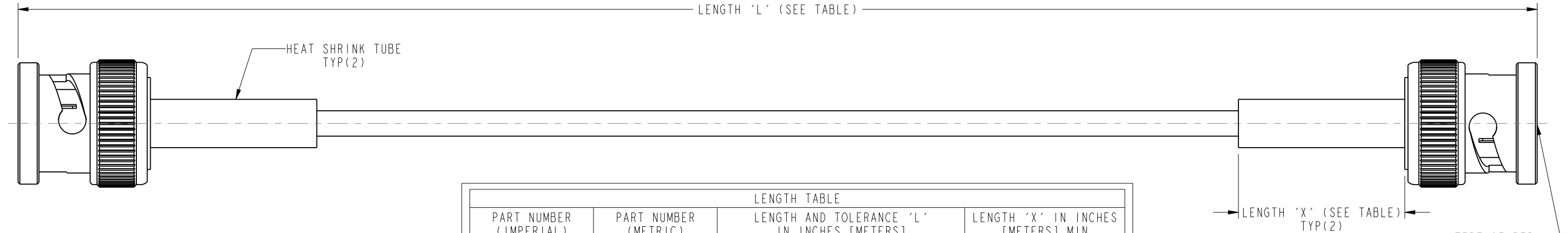
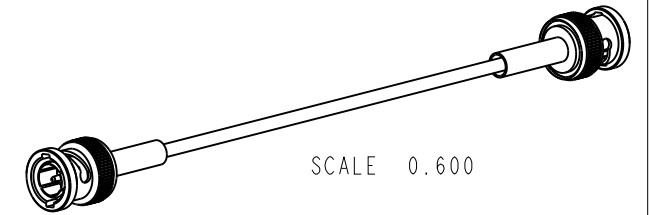
2. ELECTRICAL:
A. IMPEDANCE: 75 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 115101-35-XX.XX AND DATE CODE".

THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Dec-16	2603	MR



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH AND TOLERANCE 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
115101-35-06.00	-	6.00 ± 0.25 [0.152 ± 0.006]	0.75 [0.019]
-	115101-35-M0.25	9.84 ± 0.25 [0.250 ± 0.006]	
115101-35-12.00	-	12.00 ± 0.25 [0.305 ± 0.006]	
115101-35-18.00	-	18.00 ± 0.25 [0.457 ± 0.006]	
-	115101-35-M0.50	19.69 ± 0.25 [0.500 ± 0.006]	1.50 [0.038]
115101-35-24.00	-	24.00 ± 0.50 [0.610 ± 0.013]	
-	115101-35-M0.75	29.53 ± 0.50 [0.750 ± 0.013]	
115101-35-30.00	-	30.00 ± 0.50 [0.762 ± 0.013]	
115101-35-36.00	-	36.00 ± 0.50 [0.914 ± 0.013]	
-	115101-35-M1.00	39.37 ± 0.50 [1.000 ± 0.013]	
115101-35-48.00	-	48.00 ± 0.50 [1.219 ± 0.013]	
115101-35-60.00	-	60.00 ± 1.50 [1.524 ± 0.038]	
-	115101-35-M2.00	78.74 ± 1.97 [2.000 ± 0.050]	
115101-35-90.00	-	90.00 ± 2.25 [2.286 ± 0.057]	
-	115101-35-M3.00	118.11 ± 2.95 [3.000 ± 0.075]	
115101-35-120	-	120.00 ± 3.00 [3.048 ± 0.076]	
-	115101-35-M4.00	157.48 ± 3.94 [4.000 ± 0.100]	
115101-35-180	-	180.00 ± 4.50 [4.572 ± 0.114]	
115101-35-300	-	300.00 ± 15.00 [7.620± 0.381]	

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:

X FREQUENCY : DC TO 4 GHz

X CONTINUITY

VSWR : MAX.

X HI-POT : 300 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°

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MATERIAL

SEE NOTES

DRAWN	DATE
VIJIK	03-Oct-16

DRAWN	DATE
VIJIK	03-Oct-16

ENGINEER	DATE
Viji K	03-Oct-16

ENGINEER	DATE
Viji K	03-Oct-16

REFERENCE EAR # 7288

APPROVED	DATE
K.CAPOZZI	07-Dec-16

APPROVED	DATE
K.CAPOZZI	07-Dec-16

CONFIGURATION LEVEL: In Work

CAD FILE	
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FINISH

T	T	F
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75 OHM BNC STR CRIMP PLUG
TO BNC STR CRIMP PLUG
USING BELDEN 179DT CABLE,
VARIOUS LENGTH

SCALE: 2.2:1.0	SHEET 2 OF 2
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SCALE: 2.2:1.0	SHEET 2 OF 2
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DWG SIZE	
B	

DWG SIZE		REV
B		A

Amphenol RF

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DRAWING NO. 115101-35-XX-XX

ITEM NO. 115101-35-XX-XX

PART NO. 115101-35-XX-XX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY