

NOTES:

1. MATERIALS AND FINISHES:

SMB CRIMP PLUG - P/N: 142186
CABLE - RG-316/U COAXIAL CABLE

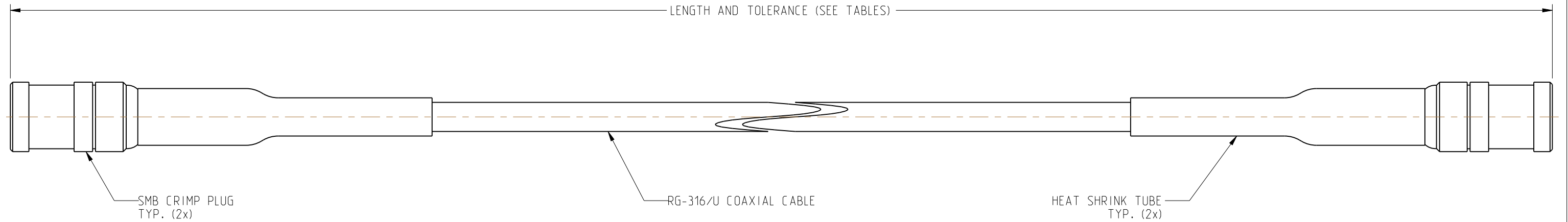
2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. BAG TO BE MARKED: AMPHENOL RF, 145101-01-XX.XX, AND DATE CODE

145101-01-XX.XX	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	19-Jul-10	--	CL
	B	SEE SHEET 1	23-Jul-13	2487	MB/BCG
	C	SEE SHEET 1	27-Mar-14	2715	MB/BCG



ORDERING INFORMATION		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES * [METERS]
145101-01-06.00	-	6.00 [0.152]
-	145101-01-M0.25	9.84 [0.250]
145101-01-12.00	-	12.00 [0.305]
145101-01-18.00	-	18.00 [0.457]
-	145101-01-M0.50	19.69 [0.500]
145101-01-24.00	-	24.00 [0.610]
-	145101-01-M0.75	29.53 [0.750]
145101-01-36.00	-	36.00 [0.914]
-	145101-01-M1.00	39.37 [1.000]
145101-01-48.00	-	48.00 [1.219]

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

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 3.0 GHz	☒ CONTINUITY
☐ VSWR _____ : 1 MAX	☒ HI-POT : 500 VRMS
☐ INS. LOSS _____ dB MAX	☐ OTHER

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ± .015 (0,381 mm) ± .005 (0,127 mm) ± 1°			MATERIAL SEE NOTES	DRAWN MOHAN	DATE 14-Mar-14	TITLE SMB CRIMP PLUG TO SMB CRIMP PLUG, USING, RG-316/U COAXIAL CABLE, VARIOUS LENGTHS		Amphenol Connex	
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			REFERENCE	APPROVED B.C. GLEISSNER	DATE 27-Mar-14	SCALE: 3.0:1		SHEET	2 OF 2
				CAD FILE		DWG SIZE B	DRAWING NO. 145101-01-XX.XX		REV C