

NOTES:

1. MATERIALS AND FINISHES:

SMB RIGHT ANGLE CRIMP PLUG - P/N: 142194  
 CABLE - RG-316 CABLE

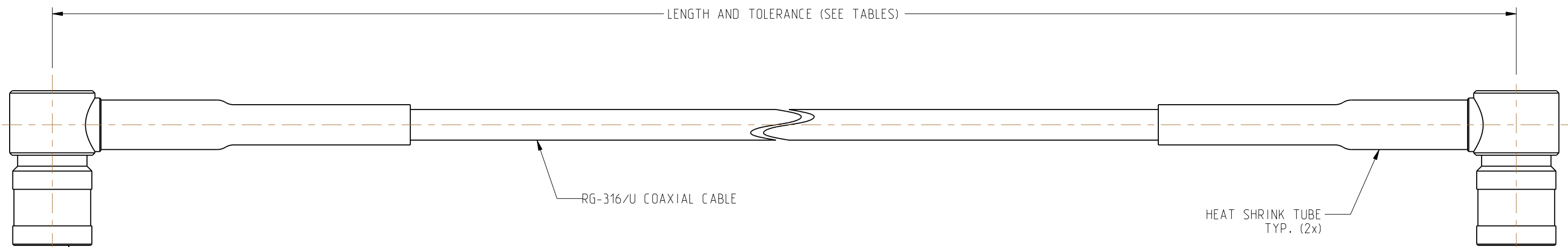
2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

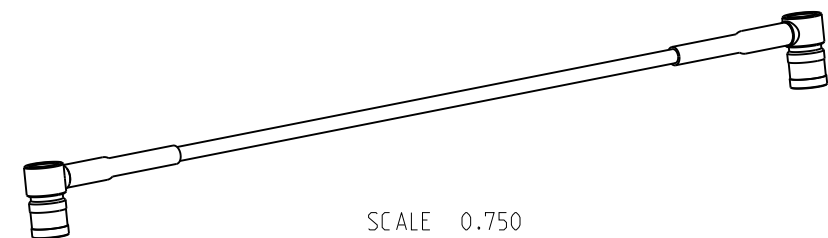
3. PACKAGING:

A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF, 145104-01-XX.XX, AND DATE CODE

145104-01-XX.XX		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	22-Jul-10	--	KR
	B	SMB R/A CRIMP PLUG P.NO WAS 142193	30-Sep-10	2104	CL
	C	SEE SHEET 1	27-Mar-14	2715	MB/BCG



SMB RIGHT ANGLE PLUG  
 TYP. (2x)



ORDERING INFORMATION		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES * [METERS]
145104-01-06.00	-	6.00 [0.152]
-	145104-01-M0.25	9.84 [0.250]
145104-01-12.00	-	12.00 [0.305]
145104-01-18.00	-	18.00 [0.457]
-	145104-01-M0.50	19.69 [0.500]
145104-01-24.00	-	24.00 [0.610]
-	145104-01-M0.75	29.53 [0.750]
145104-01-36.00	-	36.00 [0.914]
-	145104-01-M1.00	39.37 [1.000]
145104-01-48.00	-	48.00 [1.219]

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%

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

DESIGN REQUIREMENTS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> FREQUENCY: DC TO 3.0 GHz | <input checked="" type="checkbox"/> CONTINUITY        |
| <input type="checkbox"/> VSWR _____ : 1 MAX                  | <input checked="" type="checkbox"/> HI-POT : 500 VRMS |
| <input type="checkbox"/> INS. LOSS _____ dB MAX              | <input type="checkbox"/> OTHER                        |

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL ±.015 (0,381 mm)    3 PLACE DECIMAL ±.005 (0,127 mm)    ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex	
	SEE NOTES	MOHAN	14-Mar-14			
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE	ENGINEER	DATE	SMB RIGHT ANGLE CRIMP PLUG TO SMB RIGHT ANGLE CRIMP PLUG, USING RG-316/U COAXIAL CABLE, VARIOUS LENGTHS	SCALE: 3.0:1	SHEET 2 OF 2
		MOHAN	14-Mar-14			
		APPROVED	DATE			
		B.C. GLEISSNER	27-Mar-14		DWG SIZE	DRAWING NO.
		CAD FILE			B	145104-01-XX.XX
						REV
						C

# Mouser Electronics

Authorized Distributor

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## Amphenol:

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[145104-01-M0.50](#) [145104-01-M0.75](#) [145104-01-M1.00](#) [145104-01-18.00](#)