

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

DRAWING NO.

THIRD ANGLE PROJ.

REV

A

B

C

DESCRIPTION

RELEASE TO MFG.

SMB R/A CRIMP PLUG P.NO WAS 142193

SEE SHEET 1

DATE

22-Jul-10

30-Sep-10

27-Mar-14

ECO

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2104

2715

APPR

KR

CL

MB/BCG

LENGTH AND TOLERANCE (SEE TABLES)

RG-316/U COAXIAL CABLE

HEAT SHRINK TUBE
TYP. (2x)

SMB RIGHT ANGLE PLUG
TYP. (2x)

SCALE 0.750

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:

☒ FREQUENCY: DC TO 3.0 GHz

☒ CONTINUITY

☐ VSWR : 1 MAX

☒ HI-POT : 500 VRMS

☐ INS. LOSS dB MAX

☐ OTHER

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°		MATERIAL		DRAWN		DATE		TITLE SMB RIGHT ANGLE CRIMP PLUG TO SMB RIGHT ANGLE CRIMP PLUG, USING RG-316/U COAXIAL CABLE, VARIOUS LENGTHS		Amphenol Connex							
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.		SEE NOTES		MOHAN		14-Mar-14											
				ENGINEER		DATE											
				MOHAN		14-Mar-14											
		REFERENCE		APPROVED		DATE											
				B.C. GLEISSNER		27-Mar-14											
				CAD FILE				DWG SIZE	DRAWING NO.								
								B	145104-01-XX.XX								
										REV							
										C							