

NOTES:

1. MATERIALS AND FINISHES:
SMA STR BHD JACK - BRASS, GOLD PLATING
CABLE - RG 316

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 135113-01-XX.XX AND DATE CODE"

THIRD ANGLE PROJ.

REV

DESCRIPTION

DATE

ECO

APPR

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RELEASE TO MFG.

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B

COD SHEET ADDED

28-Jan-19

10386

VR

RECOMMENDED MOUNTING
HOLE DIMENSIONS

SCALE 0.700

1/4-36UNS-2A THREAD
TYP(2)

'D' FLAT
TYP(2)

LOCK WASHER
TYP(2)

0.315 HEX
[8,00]
TYP(2)

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE
TYP(2)

0.449 REF
[11,40]

0.315 HEX
[8,00]
TYP(2)

INTERFACE PER
MIL-STD-348
SERIES: SMA JACK
TYP(2)

LENGTH 'X' (SEE TABLE)
TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
135113-01-06.00	6.00 [0.152]	0.75 [0.019]
135113-01-12.00	12.00 [0.305]	
135113-01-18.00	18.00 [0.457]	
135113-01-24.00	24.00 [0.610]	1.50 [0.038]
135113-01-36.00	36.00 [0.914]	

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: ____ TO ____ 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, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1° 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 to 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.	MATERIAL SEE NOTES	DRAWN VIJAY N M	DATE 18-Jan-19	TITLE SMA STR BHD JACK TO SMA STR BHD JACK USING RG 316 CABLE VARIOUS LENGTH	Amphenol RF www.amphenolrf.com		
		ENGINEER GOPI M	DATE 28-Mar-12		DRAWING NO.135113-01-XX-XX		
			SCALE: 2.3:1.0 SHEET 2 OF 2	ITEM NO.135113-01-XX-XX			
		REFERENCE EAR #	DATE 28-Jan-19	DWG SIZE B	REV B	PART NO.135113-01-XX-XX	
CONFIGURATION LEVEL: In Work		APPROVED K.CAPOZZI					
FINISH		CAD FILE					