

REFERENCE STANDARD IEC60169-11

I.ELECTRIC PERFORMANCE:

IMPEDANCE(Ω) : 50
FREQUENCY RANGE : 0-3 GHz
VSWR : ≤ 1.15
PIM(dBc) : ≤ -160 (2X43dBm)
INSERT LOSS (dB) : ≤ 0.05
INSULATION RESISTANCE ($M\Omega$) : >5000
WORK VOLTAGE (V) : 1500
CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR <0.5
INNER CONDUCTOR <1

II.MECHANICAL PERFORMANCE:

RETENTION : >4 N
MATING CYCLES : 500
TENSILE FORCE (CABLE CONNECTOR): 150N
TORSION (CABLE CONNECTOR) : 0.3N.m

III.MATERIAL AND PLATING:

INNER CONDUCTOR : SPRING COPPER, PLATING, Ag $5\mu m$
OUTER CONDUCTOR : BRASS, PLATING, COPPER-TIN-ZINC $2\mu m$
INSULATOR : PTFE

IV.ENVIRONMENT:

TEMP.RANGE : -40°C TO +85°C
WEATHER STANDARD : IEC 60068 40/085/21
THERMAL SHOCK : US MIL-STD 202,Meth.107,Cond.B
VIBRATION : US MIL-STD 202,Meth.204,Cond.B
SHOCK : US MIL-STD 202,Meth.213,Cond.I
WATER PROOFING STANDARD : IP 67

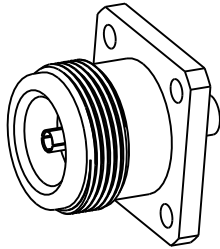
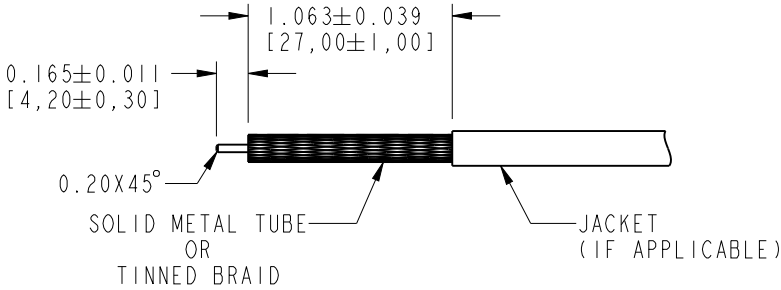
V. USE ASSEMBLY INSTRUCTION: 349-50879

VI.ROHS COMPLIANT

332100

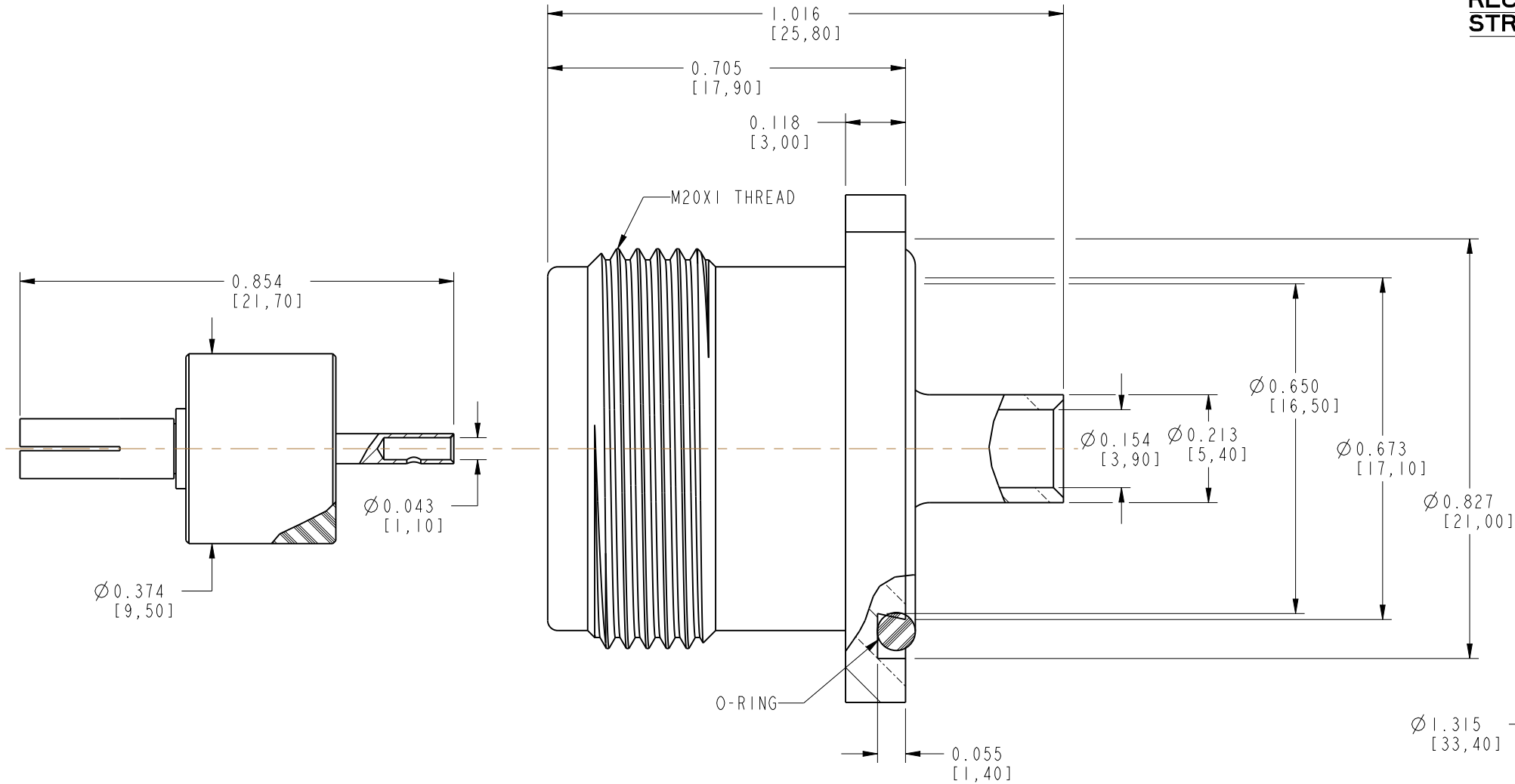
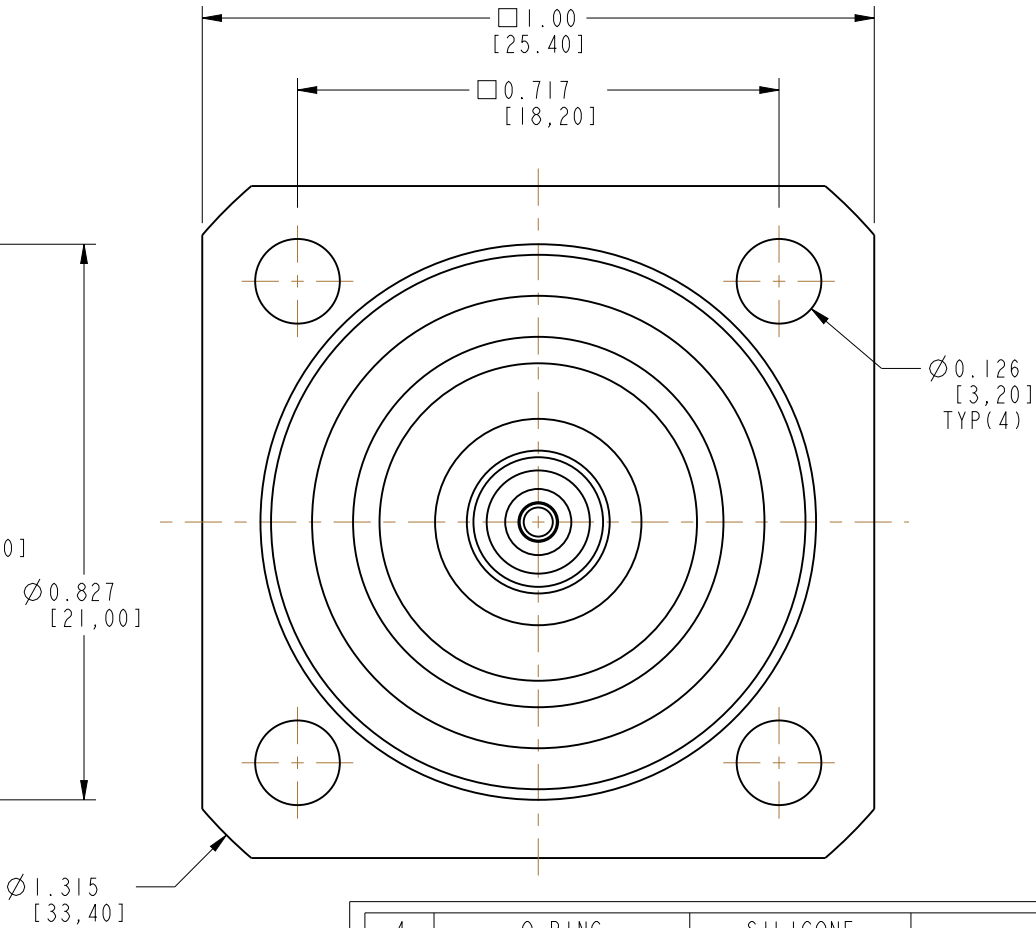
REVISIONS

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	13-Aug-13	--	CL
	B	INSULATOR AND CONTACT SUB ASSEMBLY ASHOWN AS SEPARATE VIEW	24-Apr-14	2725	RAK/BG



SCALE 1.000

RECOMMENDED CABLE
STRIPPING DIMENSIONS



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°	MATERIAL	DRAWN	DATE	TITLE		Amphenol Connex	
	SEE NOTES	CLEMENT	13-Aug-13				
	REFERENCE	ENGINEER	DATE	4.1/9.5 4-HOLE FLANGE SOLDER JACK FOR RG 402 CABLE			
		CLEMENT	13-Aug-13				
		APPROVED	DATE				
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	CAD FILE	DWG SIZE	DRAWING NO.		REV		
	B	332100		B			

Mouser Electronics

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