

REFERENCE STANDARD IEC60169-4

1.ELECTRIC PERFORMANCE:  
 NOMINAL IMPEDANCE( $\Omega$ ) : 50  
 FREQUENCY RANGE : DC-6 GHz  
 VSWR :  $\leq 1.10$   
 PIM(dBc) :  $\leq -160$  (2 X 43 dBm)  
 INSERT LOSS :  $\leq 0.05$   
 INSULATION RESISTANCE ( $M\Omega$ ) :  $\geq 10000$   
 PROOF VOLTAGE (V) : 1500  
 CONDUCTOR RESISTANCE ( $m\Omega$ ) : OUTER CONDUCTOR $<0.2$   
 INNER CONDUCTOR $<0.8$

2.MECHANICAL PERFORMANCE:  
 RETENTION :  $\geq 5.88N$   
 MECHANICAL WEAR (HYPO-) : 500  
 TENSILE FORCE (CABLE-CONNECTOR) : 150N  
 TORSION(CABLE-CONNECTOR) : 0.3N.m

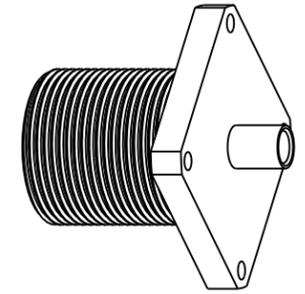
3.MATERIAL AND PLATING:  
 INNER CONDUCTOR : SPRING BRONZE PLATING Ag5um  
 OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2um  
 INSULATOR : PTFE

4.ENVIRONMENT:  
 TEMP.RANGE :  $-55^{\circ}C$  TO  $+155^{\circ}C$   
 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

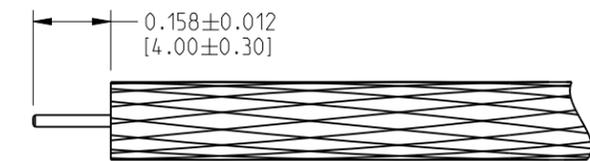
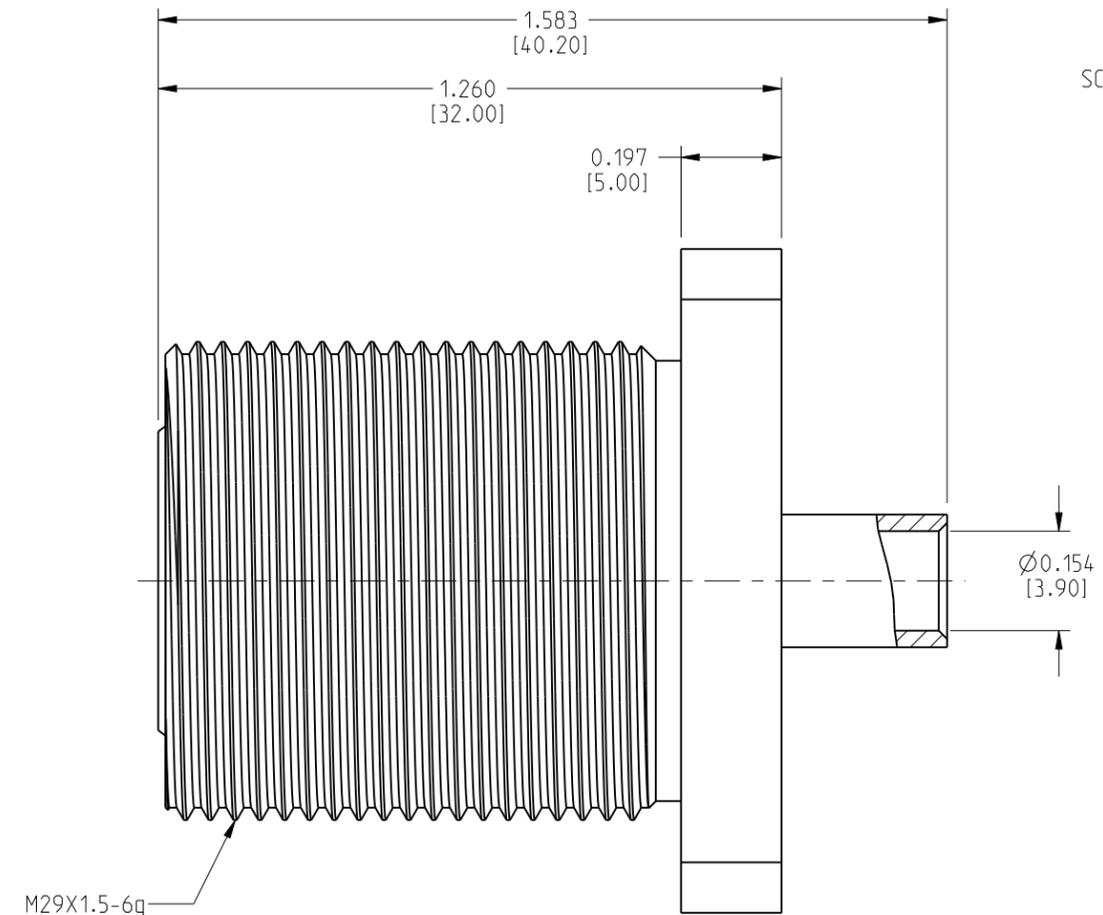
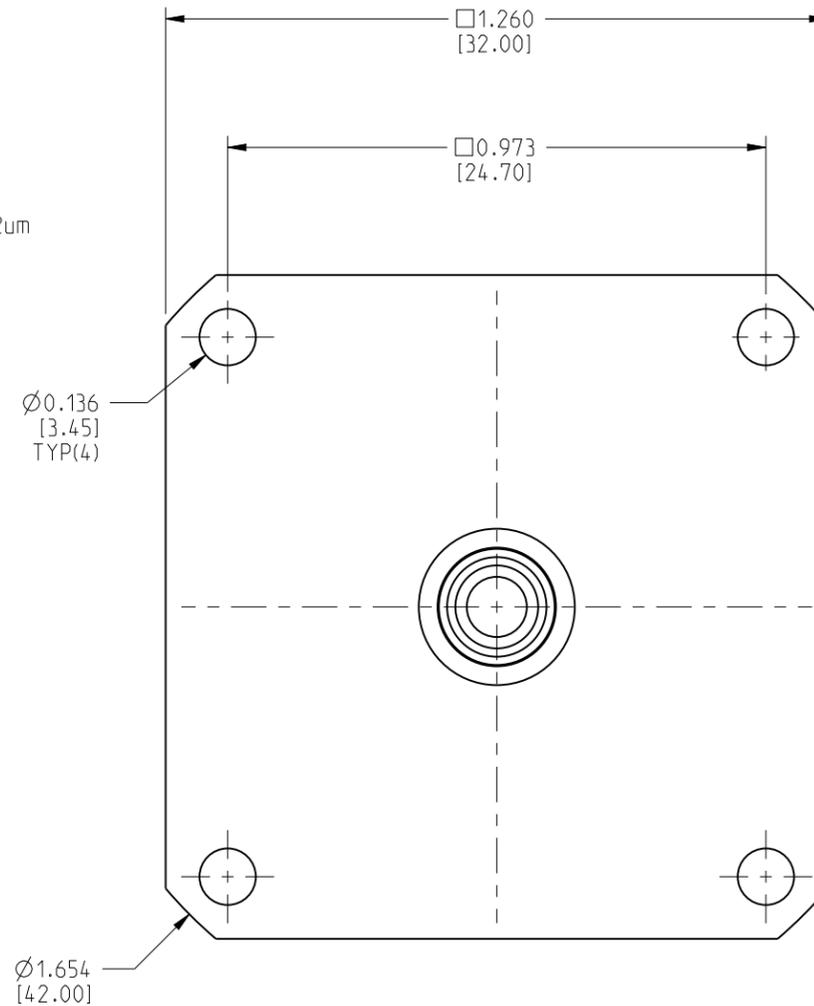
5.ASSEMBLY: INNER AND OUTER CONDUCTOR SOLDERED

6.ROHS COMPLIANT.

272100-11		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	12-Oct-12	--	MG



SCALE 0.750



RECOMMENDED  
CABLE STRIPPING DIMENSION

3	INSULATOR	PTFE	NATURAL	1
2	CONTACT PIN	SPRING BRONZE	SILVER	1
1	BODY	BRASS	WHITE BRONZE	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  
 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES  
 $\pm 0.015$  (0,381 mm)  $\pm 0.005$  (0,127 mm)  $\pm 1^{\circ}$

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MATERIAL SEE NOTES	DRAWN GOPI M	DATE 12-Oct-12	TITLE 7/16 PANEL MOUNT JACK FOR 0.141" SEMI RIGID CABLE	Amphenol Connex	
	ENGINEER GOPI M	DATE 12-Oct-12			
REFERENCE	APPROVED	DATE		SCALE: 2.3:1	SHEET 1 OF 1
CAD FILE			DWG SIZE B	DRAWING NO. 272100-11	REV A