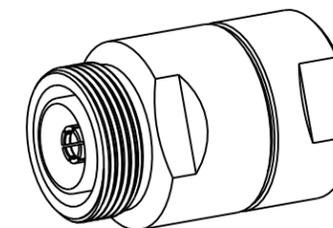


NOTES:

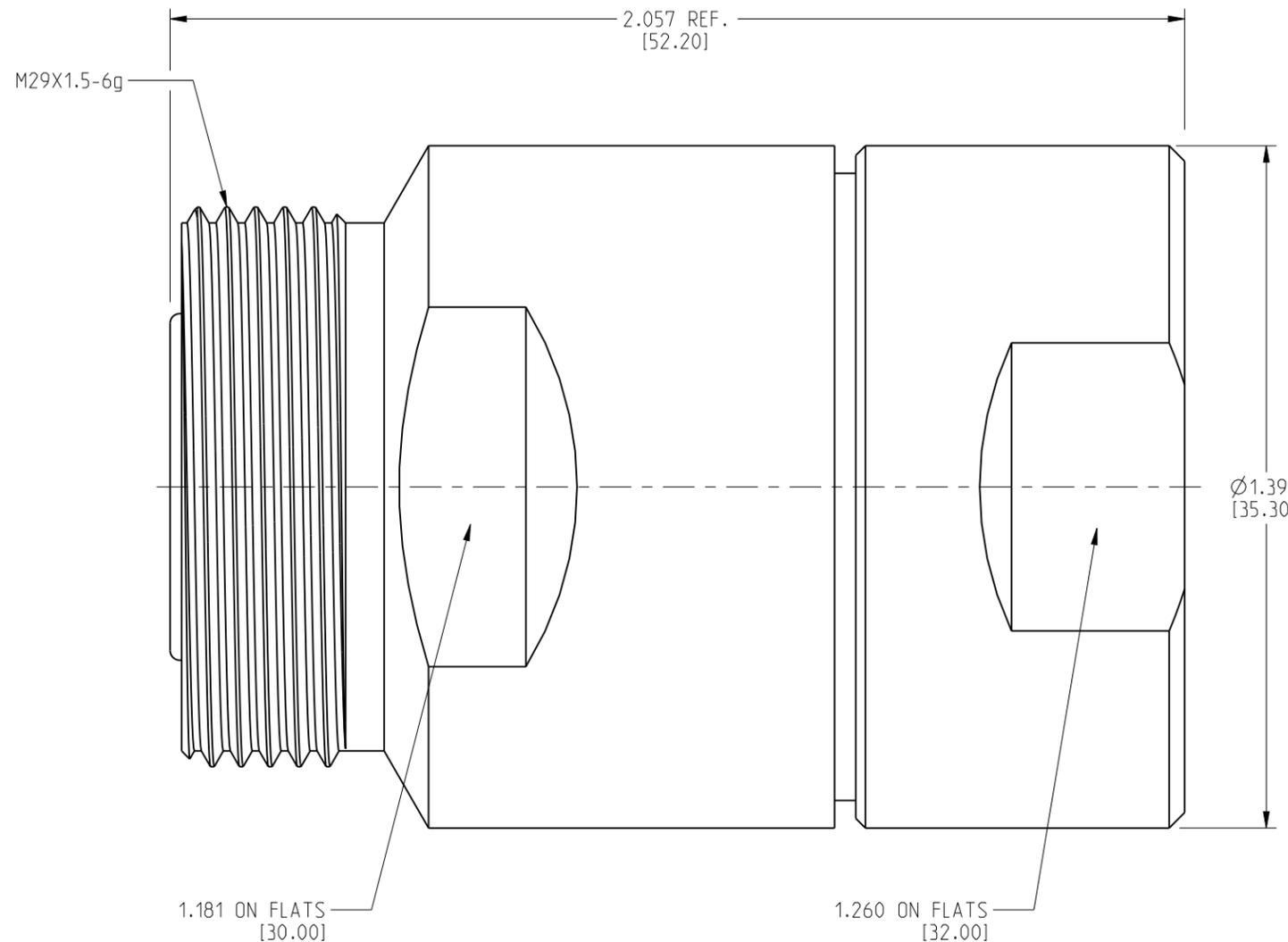
REFERENCE STANDARD IEC60169-4

1. ELECTRICAL PERFORMANCE:
 - A. IMPEDANCE (Ω) : 50 ± 2 OHM
 - B. FREQUENCY RANGE : DC - 3 GHz
 - C. VSWR : ≤ 1.06
 - D. INSERTION LOSS (dB) @ 2GHz : < 0.05
 - E. PIM (dBc) : ≤ -160 (2X43 dBm)
 - F. INSULATION RESISTANCE ($M\Omega$) : > 10000
 - G. WORK VOLTAGE (V) : 2700
 - H. CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR < 0.2
INNER CONDUCTOR < 0.8
2. MECHANICAL PERFORMANCE:
 - A. RETENTION : ≥ 5.88 N
 - B. NUT TORQUE : 20Nm
 - C. MECHANICAL WEAR (HYPO-) : 500
 - D. WHORL PULL : 1000N
3. ENVIRONMENT:
 - A. TEMP. RANGE : -40°C TO $+85^{\circ}\text{C}$
 - B. THERMAL SHOCK : US MIL-STD 202,Meth.107,Cond.B
 - C. VIBRATION : US MIL-STD 202,Meth.204,Cond.B
 - D. SHOCK : US MIL-STD 202,Meth.213,Cond.I
 - E. WEATHER STANDARD : IEC 68 40/ 085/ 21
 - F. WEATHER PROOFING STANDARD : IP 68
4. ROHS COMPLIANT.
5. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

272F JH5		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	20-Aug-12	--	RV
	B	MODIFY ELECTRICAL SPECIFICATIONS, CORRECT LENGTH DIMENSION	25-Mar-13	2461	MB



SCALE 0.750



4	INSULATOR	TPX	NATURAL
3	O-RING	SILICONE RUBBER	
2	INNER CONDUCTOR	SPRING COPPER	SILVER
1	OUTER CONDUCTOR	BRASS	WHITE BRONZE
S.NO	DESCRIPTION	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES
 $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^{\circ}$

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MATERIAL	SEE TABLE
REFERENCE	
CAD FILE	

DRAWN	RAJAVIJAYAN S	DATE	25-Mar-13
ENGINEER	RAJAVIJAYAN S	DATE	25-Mar-13
APPROVED		DATE	

TITLE
 7/16 STRAIGHT JACK FOR
 7/8" HELICAL (FSJ) CABLE

Amphenol Connex	
SCALE: 3.0:1	SHEET 1 OF 1
DWG SIZE	DRAWING NO.
B	272F JH5
REV	B