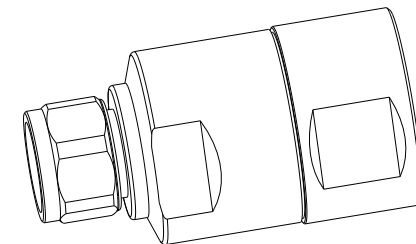


NOTES:

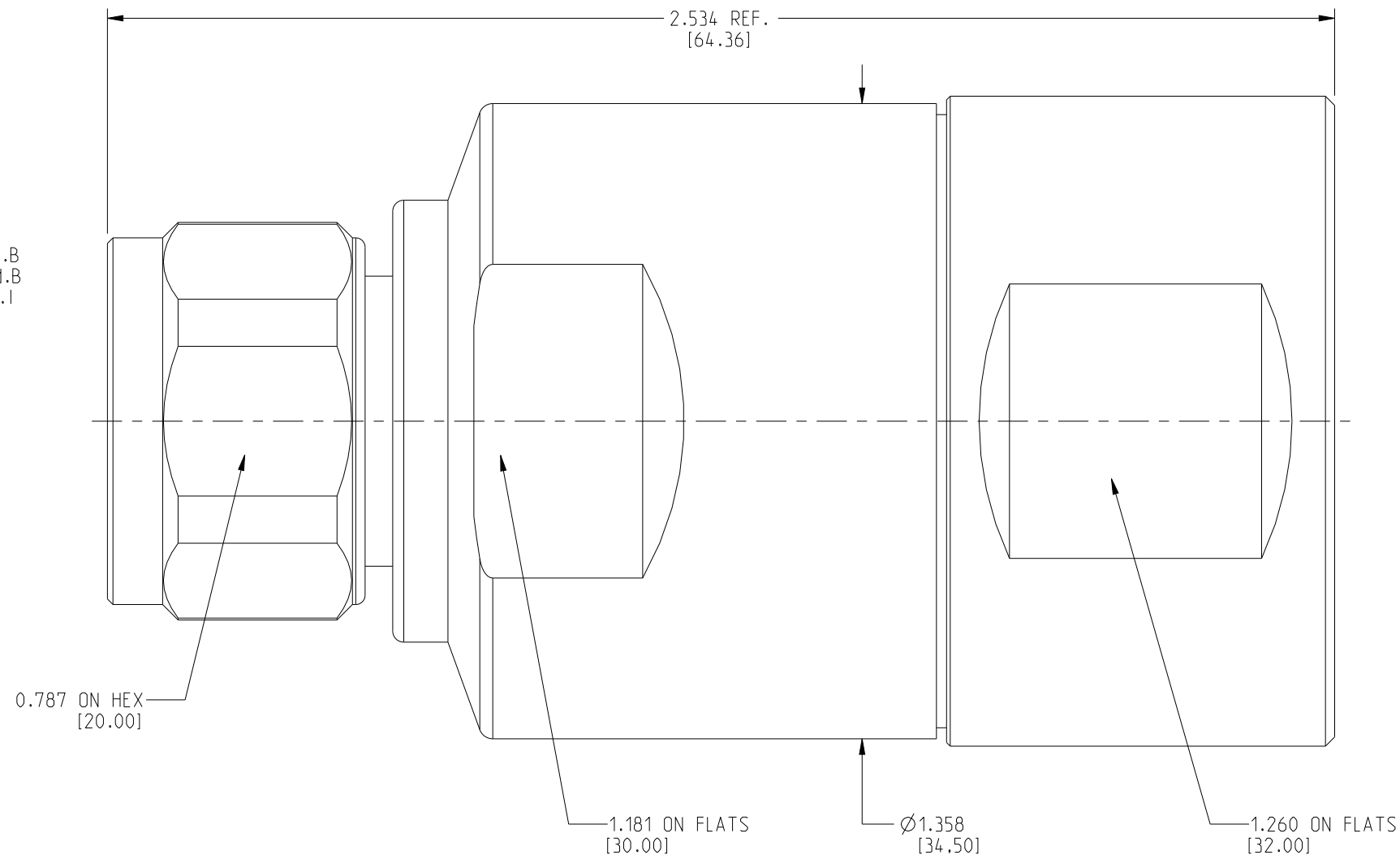
REFERENCE STANDARD IEC60169-16

1. ELECTRICAL PERFORMANCE:
 - A. NOMINAL IMPEDANCE (Ω) : 50 OHM
 - B. FREQUENCY RANGE : DC - 3 GHz
 - C. VSWR : ≤ 1.10
 - D. INSERTION LOSS (dB) : ≤ 0.05
 - E. PIM (dBc) : ≤ -160
 - F. INSULATION RESISTANCE ($M\Omega$) : ≥ 5000
 - G. WITHSTAND VOLTAGE (V) : 2500
 - H. CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR < 0.4
INNER CONDUCTOR < 0.8
2. MECHANICAL PERFORMANCE:
 - A. NUT TORQUE : 5N.m
 - B. (NUT)WHORL PULL : 500N
 - C. TENSILE FORCE (CABLE-CONNECT) : 500N
 - D. TORSION (CABLE-CONNECT) : 5N.m
3. ENVIRONMENT:
 - A. TEMP. RANGE : -40°C TO +85°C
 - B. WEATHER STANDARD : IEC 60068 40/ 085/ 21
 - C. THERMAL SHOCK : US MIL-STD 202,Meth.107,Cond.B
 - D. VIBRATION : US MIL-STD 202,Meth.204,Cond.B
 - E. SHOCK : US MIL-STD 202,Meth.213,Cond.1
 - F. WEATHER PROOFING STANDARD : IP 68
4. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED
5. ROHS COMPLIANT.

172FPH5		REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR	
THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	20-Aug-12	--	RV	



SCALE 0.750



5	INSULATOR	TPX	NATURAL
4	GASKET	SILICONE RUBBER	
3	NUT	BRASS	NICKEL
2	OUTER CONDUCTOR	BRASS	WHITE BRONZE
1	INNER CONDUCTOR	BRASS	SILVER
S.NO	DESCRIPTION	MATERIAL	FINISH

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 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.	MATERIAL SEE TABLE	DRAWN RAJAVIJAYAN S	DATE 20-Aug-12	TITLE N MALE-7/8" SUPERFLEXIBLE/ NORMAL/ LOW LOSS/ ALUMINIUM CABLE			Amphenol Connex	
	REFERENCE	ENGINEER RAJAVIJAYAN S	DATE 20-Aug-12					
		APPROVED	DATE					
			CAD FILE		DWG SIZE B	DRAWING NO. 172FPH5		REV A
				SCALE: 1.0:1		SHEET 1 OF 1		