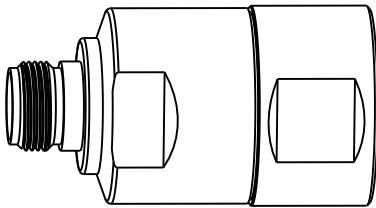
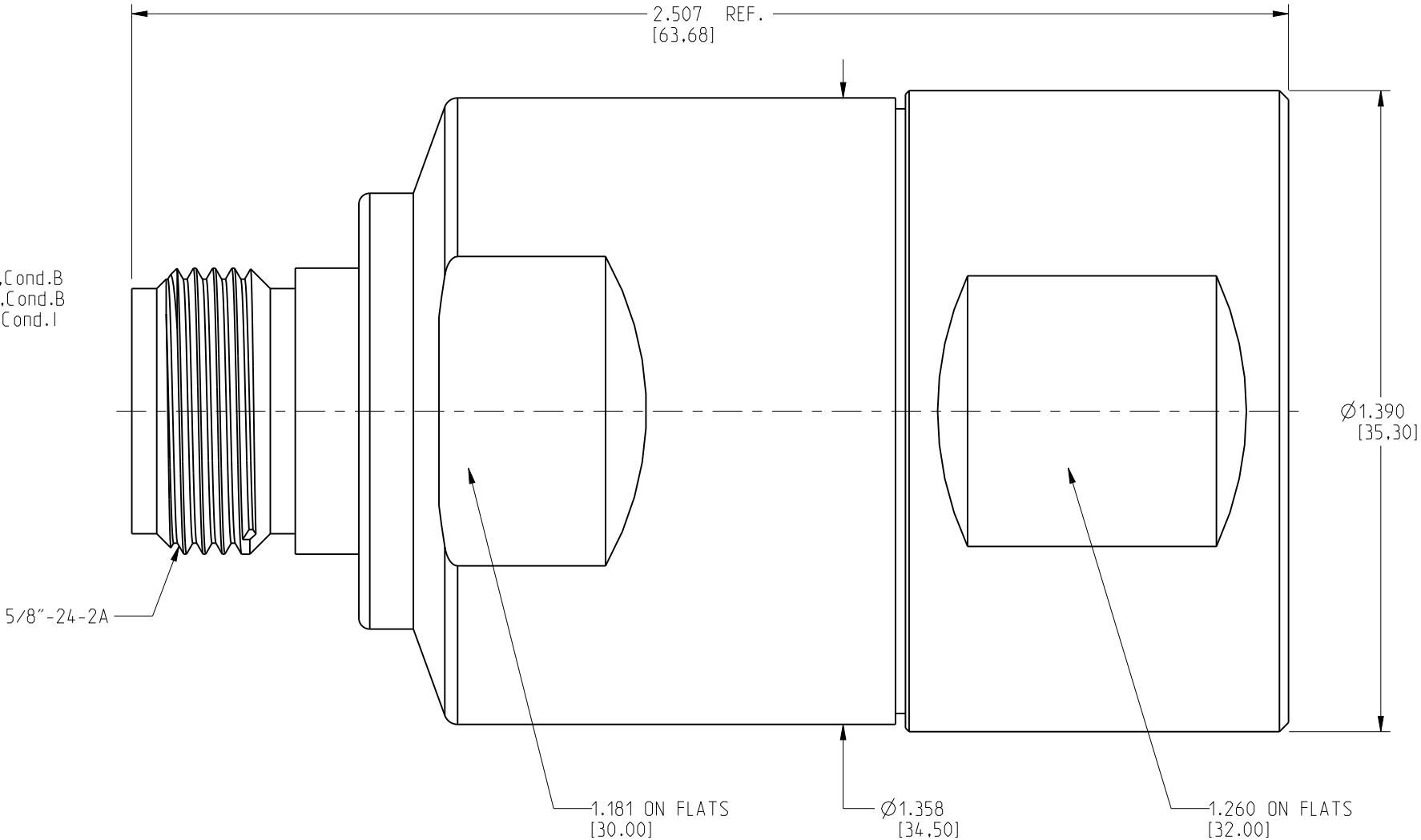


NOTES: REFERENCE STANDARD IEC60169-16	172FJH5		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	20-Aug-12	--	RV
		B	MODIFY ELECTRICAL SPECIFICATIONS	25-Mar-13	2461	MB

1. ELECTRICAL PERFORMANCE:
A. NOMINAL IMPEDANCE (Ω) : 50 OHM
B. FREQUENCY RANGE : DC - 3 GHz
C. VSWR : ≤1.06
D. PIM (dBc) : ≤-160 (2X43 dBm)
E. INSERSION LOSS (dB) : ≤0.05
F. INSULATION RESISTANCE (MΩ) : >5000
G. PROOF VOLTAGE (V) : 2500
H. CONDUCTOR RESISTANCE (mΩ) : OUTER CONDUCTOR < 0.4
INNER CONDUCTOR < 0.8
2. MECHANICAL PERFORMANCE:
A. RETENTION : ≥0.56N
B. MECHANICAL WEAR (HYPO-) : 500
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.I
F. WEATHER PROOFING STANDARD : IP 68
4. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED
5. ROHS COMPLIANT.



SCALE 0.750



4	INSULATOR	TPX	NATURAL
3	GASKET	SILICONE RUBBER	
2	OUTER CONDUCTOR	BRASS	WHITE BRONZE
1	INNER CONDUCTOR	SPRING COPPER	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°	MATERIAL SEE TABLE	DRAWN RAJAVIJAYAN S	DATE 25-Mar-13	TITLE N FEMALE-7/8" SUPERFLEXIBLE/ NORMAL/ LOW LOSS/ ALUMINIUM CABLE	Amphenol Connex		
		ENGINEER RAJAVIJAYAN S	DATE 25-Mar-13				
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.	REFERENCE	APPROVED	DATE		SCALE: 1.0:1 SHEET 1 OF 1		
		CAD FILE		DWG SIZE B	DRAWING NO. 172FJH5		REV B