NOTES:

REFERENCE STANDARD IEC60169-16

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

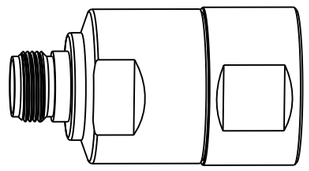
4. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

5. ROHS COMPLIANT.

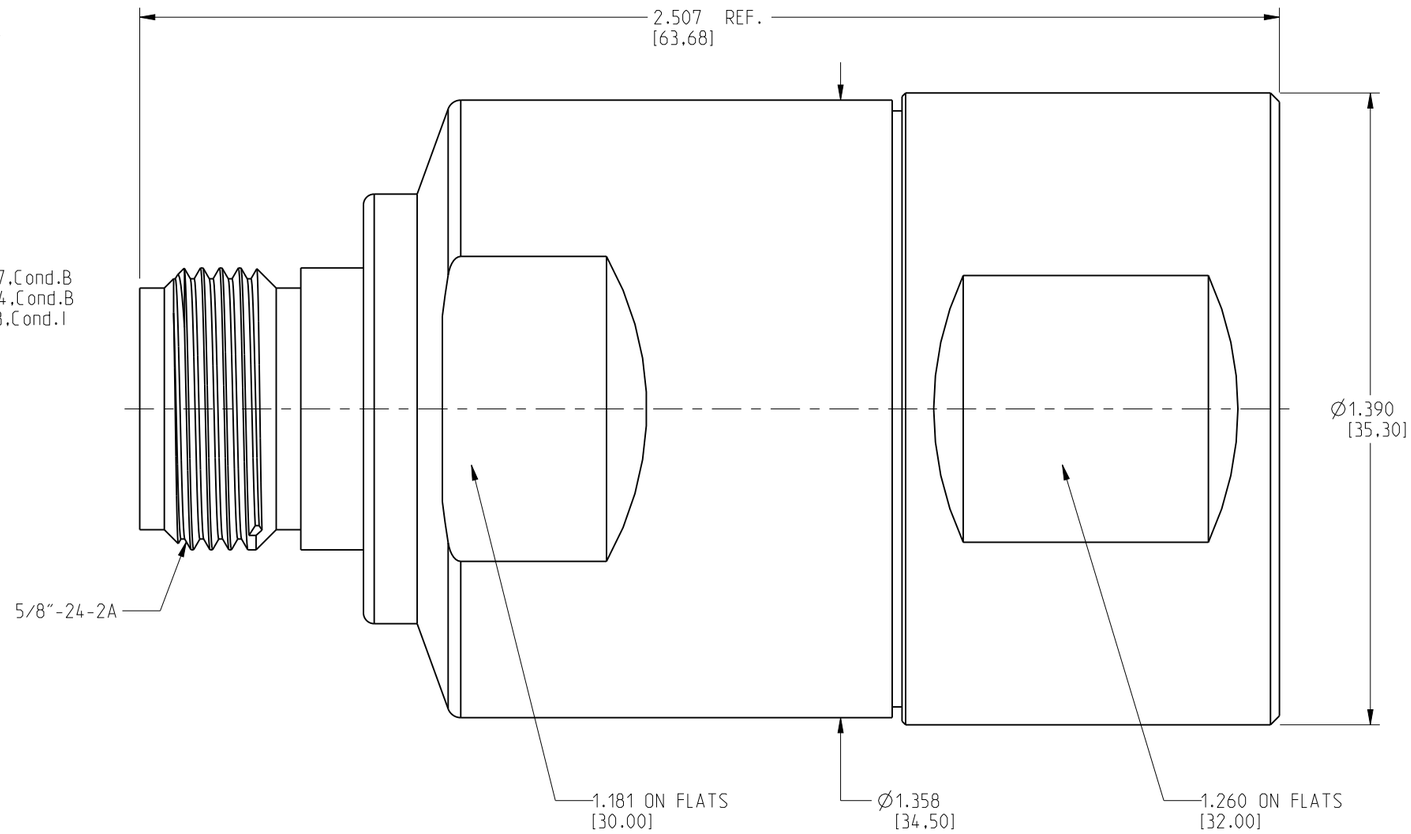
DRAWING NO.	I72FJH5
THIRD ANGLE PROJ.	

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	20-Aug-12	--	RV
B	MODIFY ELECTRICAL SPECIFICATIONS	25-Mar-13	2461	MB



SCALE 0.750



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

MATERIAL: SEE TABLE

REFERENCE:

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

TITLE: N FEMALE-7/8" SUPERFLEXIBLE/ NORMAL/ LOW LOSS/ ALUMINIUM CABLE

Amphenol Connex

SCALE: 1.0:1 | SHEET 1 OF 1

DWG SIZE	DRAWING NO.	REV
B	I72FJH5	B