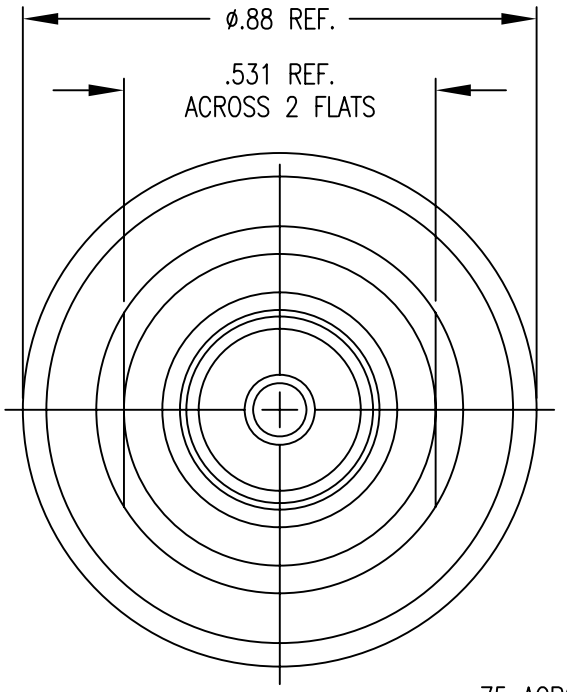
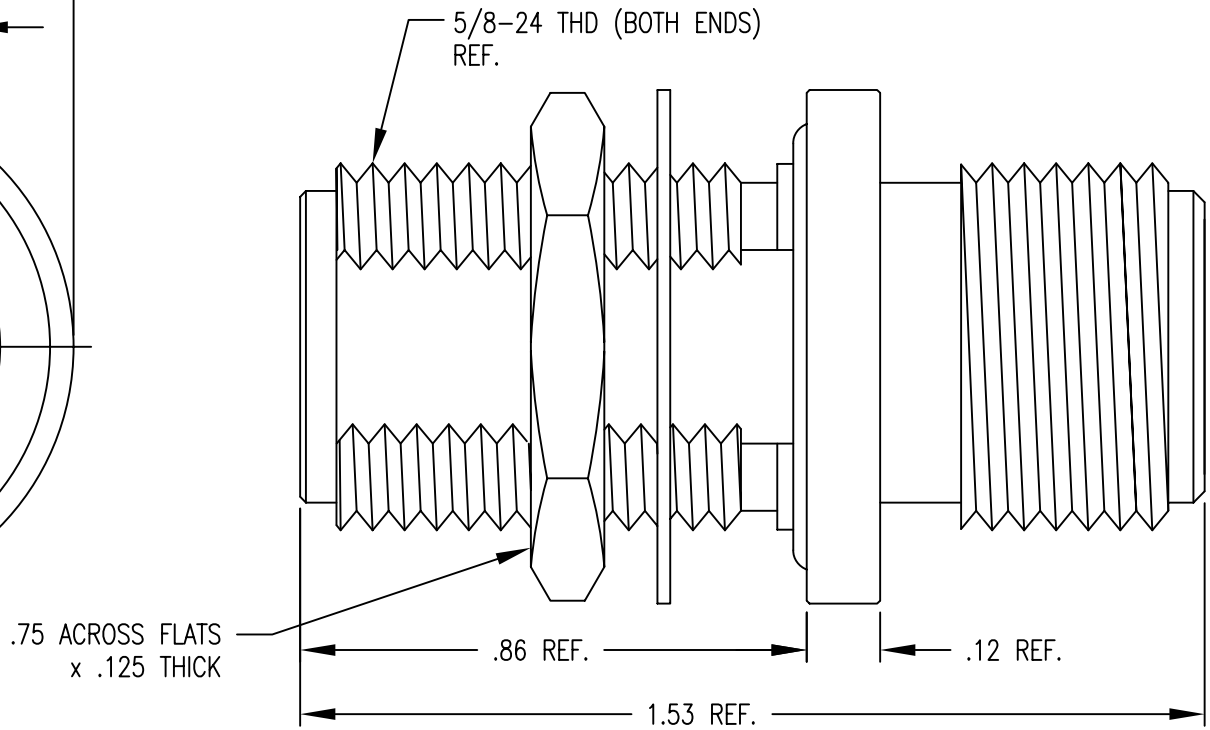
1.0 PERFORMANCE
1.1 FREQUENCY RANGE: DC–2 GHz
1.2 NOMINAL IMPEDANCE: 50 OHMS
1.3 DWV: 2500V RMS @ 60Hz (sea level)
1.5 TEMPERATURE RANGE: –65°C TO +165°C
2.0 MATERIALS
2.1 DIELECTRIC: TEFLON, ASTM–D–1710
2.2 CENTER CONTACTS: BERYLLIUM COPPER ASTM–B–196
2.3 LOCKWASHER: PHOSPHOR BRONZE
2.4 OTHER METAL PARTS: BRASS, ASTM–B–16
2.5 O RING: BUNA–N, MIL–P–5315
2.6 SEAL: GLASS/ STEEL
3.0 FINISHES
3.1 CENTER CONTACT: SILVER PLATED
3.2 ALL OTHER METAL PARTS: NICKEL PLATED
4.0 MECHANICAL
4.1 INTERFACE IN ACCORDANCE WITH MIL–STD–348

DWG NO. OL–30D–1 REV. A

PART NUMBER	BODY	CONTACT
UG–30D/U	NICKEL	SILVER
UG–30D/U NI/GOLD	NICKEL	GOLD
UG–30D/U SI	SILVER	SILVER
UG–30D/U SI/GOLD	SILVER	GOLD
UG–30D/U AL/GOLD	ALBALOY	GOLD



VIEW WITH HEX. NUT AND LOCKWASHER REMOVED



Rev.	Revisions	Date	Dwn.	Appd.
A 1	ADD PLATING CHART	6/13/11	RJG	
A	ORIGINAL	12/8/00		

RECOM. STOCK SIZE	FT/M PCS	QTY REQD

PROPRIETARY
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REMOVE ALL BURRS AND SHARP EDGES .005 MAX.
UNLESS OTHERWISE STATED
ALL DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING

UNSPECIFIED TOL.
DEC. ± .005
FRAC. ± 1/64
ANG. ± 1/2°

DWN	JMB	6/9/00
CHKD	SJS	12/7/00
APPR		

CONCENTRICITY .004 TIR
ALL MACHINED SURFACES 63√

SAN • TRON, INC.
4 NEWBURYPORT TPK, IPSWICH, MA 01938

TITLE PRESSURIZED B'HEAD STRAIGHT ADAPTER, N(F)–N(F)

MATERIAL: SEE NOTE 2.0
FINISH: SEE NOTE 3.0

FSCM NO. 50896
SCALE 3:1
DWG NO. OL–30D–1
REV. A