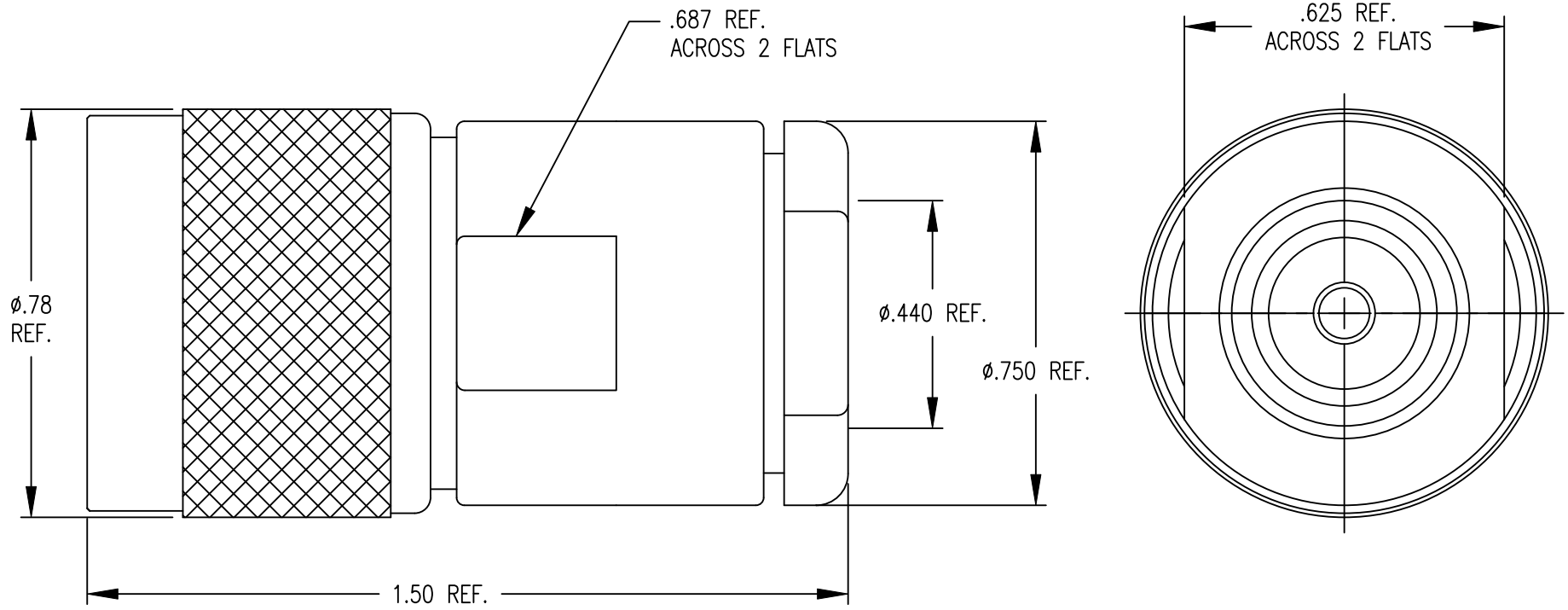
1.0 PERFORMANCE
1.1 FREQUENCY RANGE: DC–11GHz
1.2 VOLTAGE RATING: 1000V RMS (sea level)
1.3 NOMINAL IMPEDANCE: 50 OHMS
1.4 DWV: 2500 V RMS @ 60 Hz (sea level)
1.5 TEMPERATURE RANGE: –65°C TO +165°C
2.0 MATERIALS:
2.1 DIELECTRICS: TEFLON, ASTM–D–1710
2.2 LOCKING RING: PHOSPHOR BRONZE, ASTM–B–159, SPRING TEMPER
2.3 CONTACT: BRASS, ASTM–B–16
2.4 OTHER METAL PARTS: BRASS, ASTM–B–16
2.5 GASKETS: SILICONE RUBBER ZZ–R–765, GR 50, RED
3.0 FINISHES
3.1 CENTER CONTACT: SEE CHART
3.2 ALL OTHER METAL PARTS: SEE CHART
4.0 MECHANICAL:
4.1 INTERFACES IN ACCORDANCE WITH MIL–STD–348

DWG NO.	REV.
OL–21E–1	C

STI PART NO.	BODY PLATING	CONTACT PLATING
UG–21E/U	NICKEL	SILVER



Rev.	Revisions	Date	Dwn.	Appd.
C	RELEASE OL	1/29/24		

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	DWN	NBS	1/29/24
FRAC. ± 1/64	CHKD	JL	1/29/24
ANG. ± 1/2°	APPR	NBS	1/29/24

CONCENTRICITY .004 TIR 63
ALL MACHINED SURFACES

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

TITLE TYPE N PLUG
STRAIGHT FOR RG 8 & 9/U CABLE

MATERIAL: SEE NOTE 2.0
FINISH: SEE CHART

FSCM NO. 50896
SCALE 3:1

DWG NO.	REV.
OL–21E–1	C