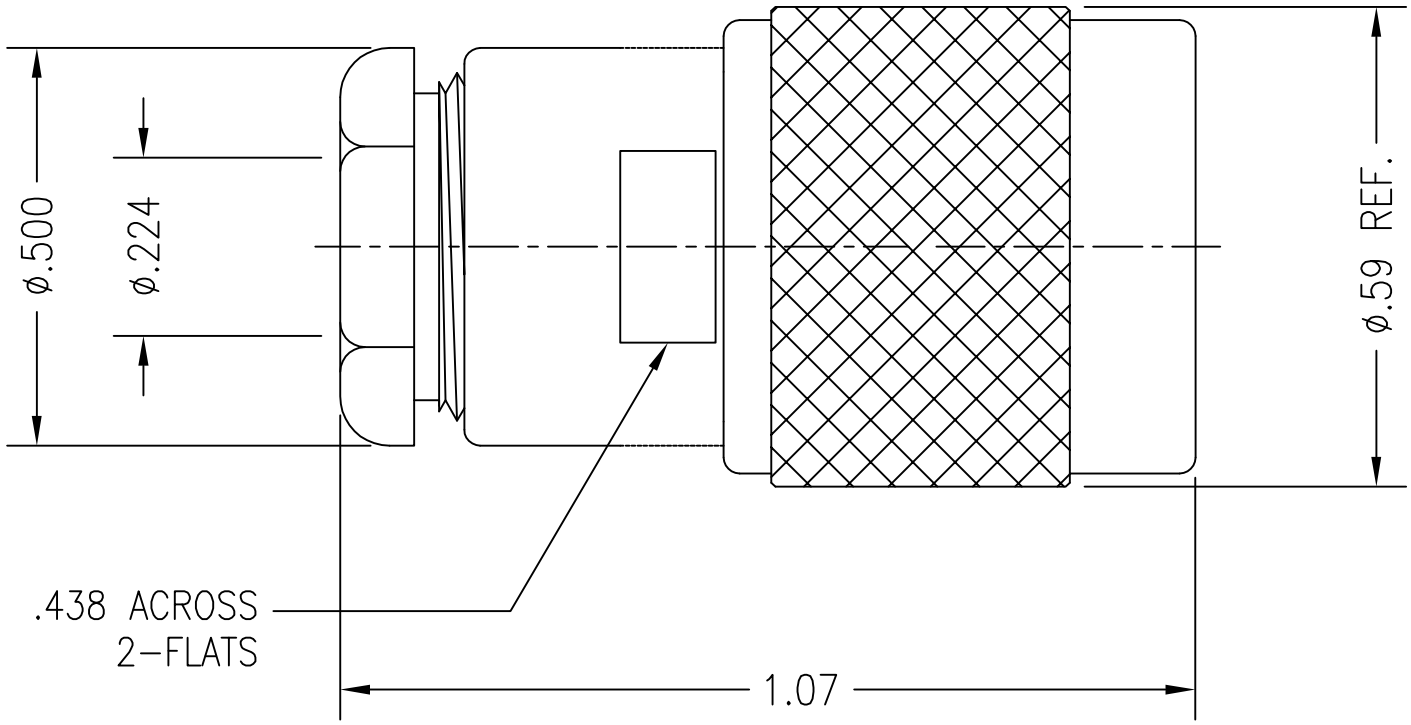
DWG NO.	REV.
OL–0501–03–1	A

PART NUMBER	BODY	CONTACT
0501–03	NICKEL	SILVER
0501–03 Ni/GOLD	NICKEL	GOLD
0501–03 Si/GOLD	SILVER	GOLD

PLATING PER SAN–TRON SPEC. 7.3.1–8

1.0 PERFORMANCE
1.1 FREQUENCY RANGE: DC–11GHz
1.2 VOLTAGE RATING: 500 V RMS (sea level)
1.3 NOMINAL IMPEDANCE: 50 OHMS
1.4 DWV: 1500 V RMS @ 60 Hz (sea level)
1.5 TEMPERATURE RANGE: –65°C TO +165°C
2.0 MATERIALS
2.1 DIELECTRIC: PTFE
2.2 CENTER CONTACT: BRASS
2.3 LOCKING RING: PHOS BRONZE
2.4 OTHER METAL PARTS: BRASS
2.5 GASKETS: SI RUBBER
3.0. FINISHES: SEE TABLE
4.0 MECHANICAL
4.1 INTERFACE: IN ACCORDANCE WITH MIL–STD–348
4.2 CABLE ASSEMBLY INSTRUCTION: B–01

DO NOT SCALE DRAWING



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
A	OUTLINE RELEASE	NEW	7/9/10		

Ref.: SK–

REMOVE ALL BURRS AND SHARP EDGES .005 MAX.

INTERPRET PER ASME Y14.5M–1994

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UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE AFTER PLATING.
.XXX= ±.005 ALL MACHINED SURFACES 64 MAX.
.XX= ±.01 ANG.±1/2° FRACTIONAL= ±1/64
⌖ .004 MAX. TIR. ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	JTH	7/9/10
CHKD		
APPR		

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TITLE: TNC PLUG FOR RG–55, 58, 141, 142 & 223/U CABLES

MATERIAL: SEE NOTES

FINISH: SEE TABLE

CAGE CODE: 50896

SCALE X:X

DWG NO. OL–0501–03–1

REV. A