

DWG NO. OL-1206-102-1		REV. A
PART NUMBER 1206-102-PJ	BODY PASSIVATE	CONTACT Au/Ni

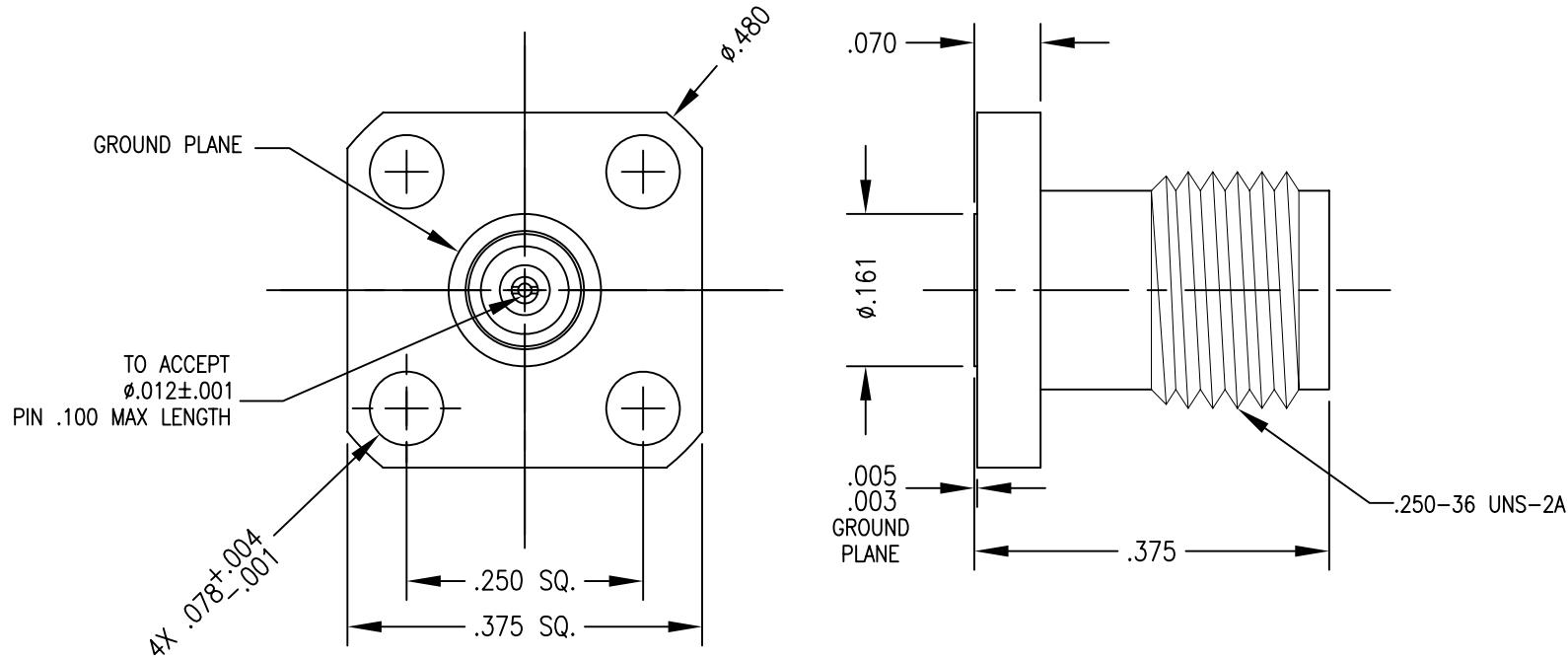
PLATING PER SAN-TRON SPEC. 7.3.1-8

- 1.0 PERFORMANCE: (sea level)
- 1.1 FREQUENCY RANGE DC-27 GHz
- 1.2 VSWR TYP < 1.25 THRU 27 GHz  
MOUNTED TO GLASS BEAD
- 1.3 SYSTEM IMPEDANCE 50 OHMS
- 1.4 DWV: 1000 Vrms @ 60 Hz
- 1.5 VOLTAGE RATING: 335 Vrms
- 1.6 TEMP RANGE: -65 / +165 °C

- 2.0 MATERIALS
- 2.1 SOCKET CONTACT: BeCu
- 2.2 BODY: SS303
- 2.3 INSULATOR: PTFE
- 3.0 FINISHES: SEE TABLE

- 4.0 MECHANICAL
- 4.1 INTERFACES PER MIL-STD-348
- 4.2 SOCKET MATING CHARACTERISTICS:  
INSERTION FORCE:  $\phi$ .013 PIN, 20 OZ TYP, 30 OZ MAX  
WITHDRAWAL FORCE:  $\phi$ .011 PIN, 0.5 OZ MIN
- 4.3 CONTACT RETENTION: 4 LBS MIN
- 4.4 DURABILITY: 500 CYCLES

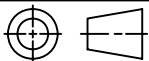
DO NOT SCALE DRAWING



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
A	PRODUCTION RELEASE	NEW	11/26/07	JTH	FSH
1	PRELIMINARY: DO NOT MFG	NEW	11/21/07		
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 =  $\pm$ .005 ALL MACHINED SURFACES  $32\sqrt{\text{MAX}}$ .  
.XX =  $\pm$ .01 ANG.  $\pm$ 1/2' FRACTIONAL =  $\pm$ 1/64  
◎.004 MAX. TIR



THIRD ANGLE PROJECTION

DWN	JTH	11/21/07
CHKD	SJS	11/26/07
APPR	FSH	11/26/07



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TITLE SMA RECEPTACLE, FEMALE, STRAIGHT,  
4 HOLE, FIELD REPLACABLE, .012 PIN

MATERIAL:

FINISH:

SEE TABLE

CAGE CODE: 50896

DWG NO.

OL-1206-102-1

REV.

A

SCALE X:X