

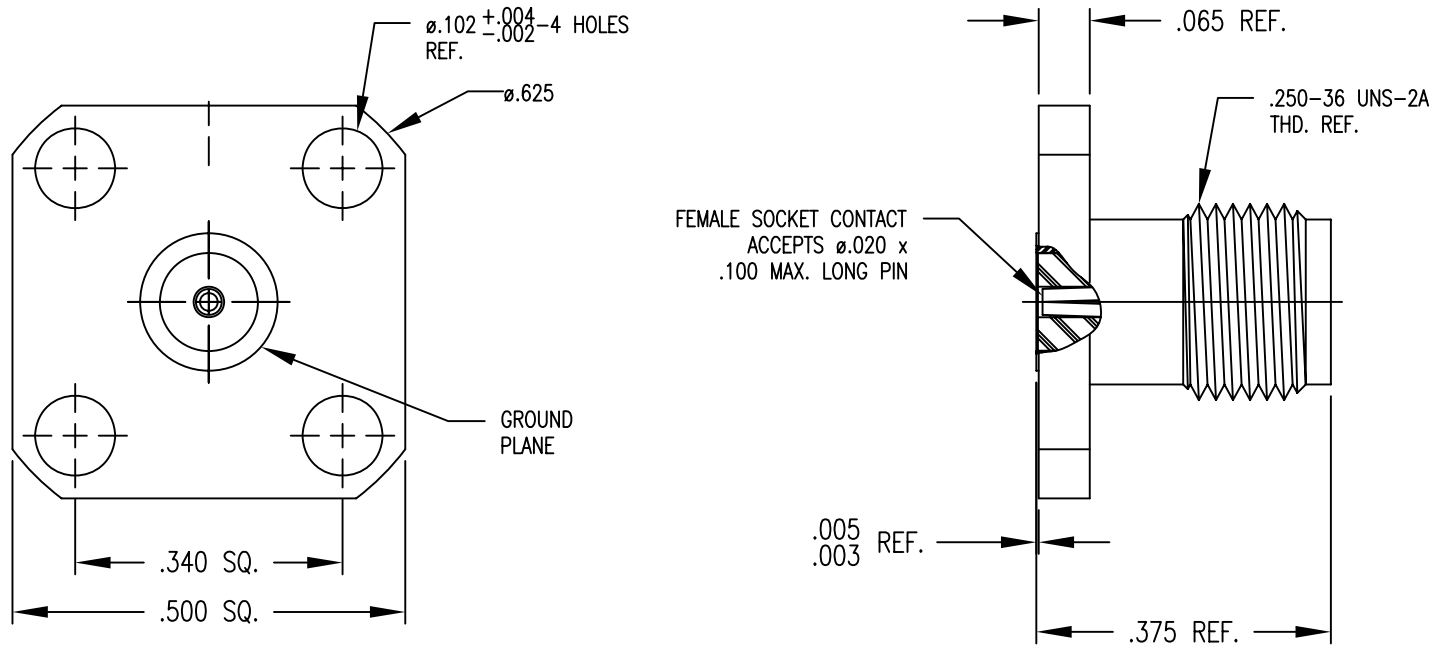
DWG NO. OL-1206-57-1		REV. C
PART NUMBER	BODY	CONTACT
1206-57-PJ	PASSIVATE	GOLD/Ni
1206-57-DJ	.000010 GOLD OVER WATTS NICKEL	GOLD/Ni

PLATING PER SAN-TRON SPEC. 7.3.1-8

- 1.0 PERFORMANCE:
 1.1 FREQUENCY RANGE DC-27 GHz
 1.2 VSWR TYP < 1.25 THRU 20 GHz
 < 1.07 (DC-11 GHz)
 < 0.85+0.2F (11-20 GHz)
 1.3 SYSTEM IMPEDANCE 50 OHMS
 1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)
 1.5 VOLTAGE RATING: 500 Vrms (SEA LEVEL)
 1.6 TEMP RANGE: -65 / +165 °C

- 2.0 MATERIALS
 2.1 SOCKET CONTACT: BeCu
 2.2 BODY: STAINLESS STEEL 303
 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: $\phi.021$, 20 OZ TYP, 30 OZ MAX
 WITHDRAWAL FORCE: $\phi.019$, 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.
C	ADD -DJ PLATING INFO	USE	10/15/10	RJG	FSH
B	UPDATE PERFORMANCE PER TEST RESULTS	USE	9/8/05	WJ	FSH
A	ORIGINAL	NEW	07/28/04		
RECOM. STOCK SIZE	FT/M PCS	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 \sqrt{R} MAX.
 .XX = ±.01 ANG. ±1/2° FRACTIONAL = ±1/64
 ◎.004 MAX. TIR. ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	RF	07/28/04
CHKD	SJS	
APPR	FSH	07/28/04

SAN-TRON, INC.
 4 NEWBURYPORT TPK. IPSWICH MA USA 01938
 TEL: 978 - 356 -1585 FAX: 978 - 356 -1573
 WWW.santron.com E MAIL: santron@santron.com

TITLE SMA RECEPTACLE, STRAIGHT FEMALE, 4 HOLE FLANGE, FIELD REPLACEABLE $\phi.020$ PIN

MATERIAL: SEE NOTE 2.0 **FINISH:** SEE NOTE 3.0

CAGE CODE: 50896 **DWG NO.:** OL-1206-57-1 **REV.:** C

SCALE: X:X