

DWG NO. OL-1206-98-1		REV. D
PART NUMBER 1206-98-PJ	BODY PASSIVATE	CONTACT Au/Ni

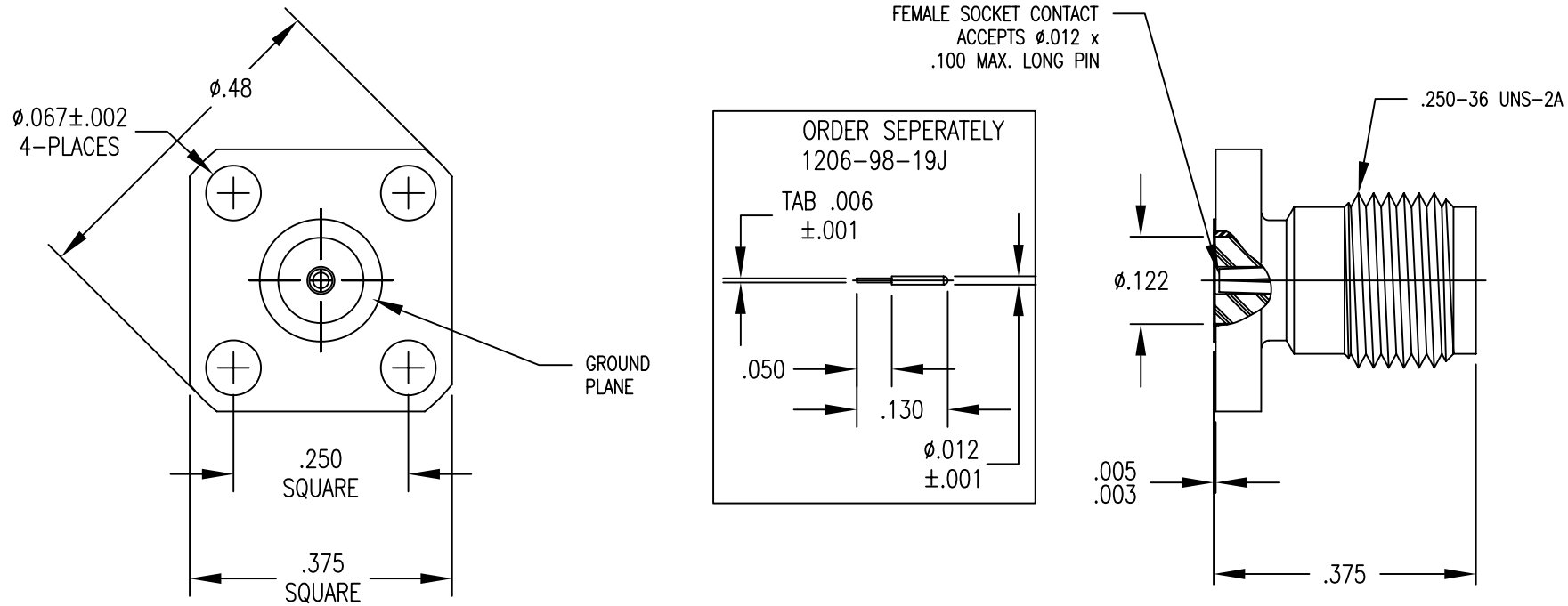
PLATE PER STI 7.3.1-8

- 1.0 PERFORMANCE:
 1.1 FREQUENCY RANGE DC-27 GHz
 1.2 VSWR TYP < 1.15 (DC-18 GHz)
 < 1.25 (THRU 26 GHz)
 1.3 SYSTEM IMPEDANCE 50 OHMS
 1.4 DWV: 750 Vrms @ 60 Hz (SEA LEVEL)
 1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)
 1.6 TEMP RANGE: -65 / +125 °C

- 2.0 MATERIALS
 2.1 SOCKET CONTACT: BeCu
 2.2 BODY: STAINLESS STEEL 303
 2.3 INSULATOR: PTFE
 3.0 FINISHES
 3.1 CONTACTS: MINIMUM PLATE OF .000050 GOLD
 OVER .000080 NICKEL
 3.2 BODY: PASSIVATE
 3.3 FOR TABBED PIN REF 1206-98-19J

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

DRAWING SCALE NOT DO



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
D	NOTE 4.2 TYPO WAS ϕ .020 PIN	USE	7/25/07	FSH	FSH
C	UPDATE PICTORIAL TO SHOW UNDER-CUT	USE	5/14/07	FSH	FSH
B	REMOVE 1206-98-19J FROM BOM	USE	8/17/06	FSH	FSH
A	ORIGINAL	NEW	2/17/06		

RECOM.	STOCK SIZE	FT/M PCS	Ref.: REF 1206-83-PJ	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 $\sqrt[63]{}$ MAX.
 .XX= \pm .01 ANG. \pm 1/2° FRACTIONAL= \pm 1/64
 [◎].004 MAX. TIR. [⊥] AXIS .001

DWN	FSH	2/16/06
CHKD	SJS	7/25/07
APPR	FSH	7/26/07

THIRD ANGLE PROJECTION

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TITLE SMA RECEPTACLE, STRAIGHT FEMALE, 4 HOLE FLANGE, FIELD REPLACEABLE ϕ .012 PIN

MATERIAL: SEE NOTE 2.0 FINISH: SEE NOTE 3.0

CAGE CODE: 50896 DWG NO. OL-1206-98-1

SCALE X:X