DWG NO.	REV.
OL-1206-150-1	A

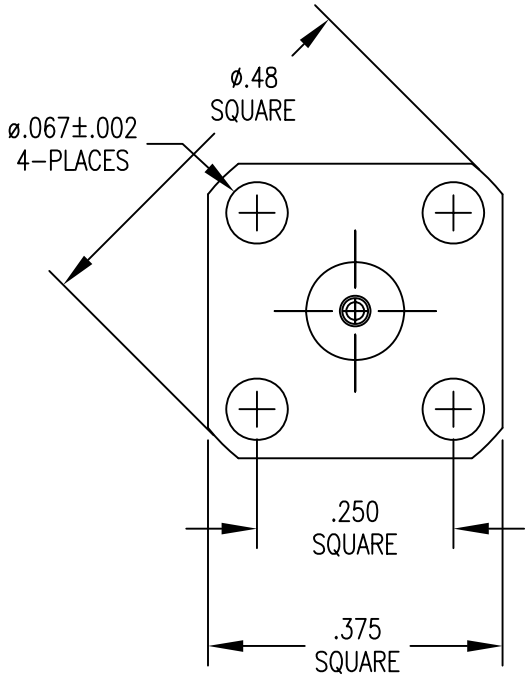
PART NUMBER	BODY	CONTACT
1206-150-AJ	ABALOY	Au/Ni

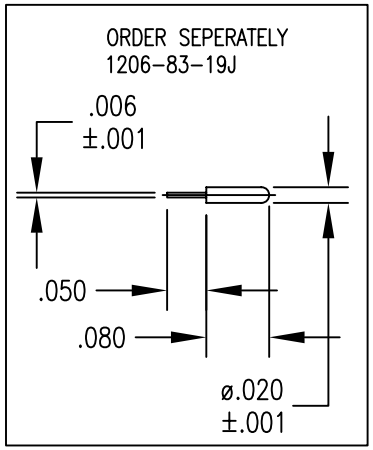
PLATE PER STI 7.3.1-8

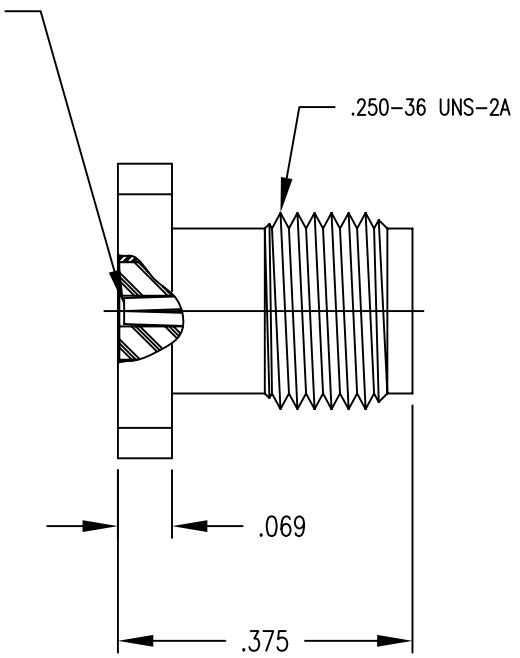
1.0 PERFORMANCE:
1.1 FREQUENCY RANGE DC-27 GHz
1.2 VSWR TYP < 1.15 (DC-18 GHz)
< 1.25 (THRU 20 GHz)
1.3 SYSTEM IMPEDANCE 50 OHMS
1.4 DWV: 750 Vrms @ 60 Hz (SEA LEVEL)
1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)
1.6 TEMP RANGE: -65 / +165 °C

2.0 MATERIALS
2.1 SOCKET CONTACT: BeCu
2.2 BODY: BRASS
2.3 INSULATOR: PTFE
3.0 FINISHES
3.1 CONTACTS: MINIMUM PLATE OF .000050 GOLD OVER .000080 NICKEL
3.2 BODY: ABALOY
3.3 FOR TABBED PIN REF 1206-83-19J

4.0 MECHANICAL
4.1 INTERFACES PER MIL-STD-348
4.2 SOCKET MATING CHARACTERISTICS:
INSERTION FORCE ø.021 PIN:
20 OZ TYP, 30 OZ MAX
WITHDRAWAL FORCE ø.019 PIN:
0.5 OZ MIN
4.3 CONTACT RETENTION: 4 LBS MIN
4.4 DURABILITY: 100 CYCLES







RF SPECIFICATIONS PER
MECA REQUIREMENTS
FSH 2/17/2006

DO NOT SCALE DRAWING

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
A	ORIGINAL:	NEW	10/19/10		

RECOM. STOCK SIZE	FT/M PCS	Ref.:	REMOVE ALL BURRS AND SHARP EDGES .005 MAX.	INTERPRET PER ASME Y14.5M-1994
		REF 1206-65-PJ SK-060215-1-1		

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UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE AFTER PLATING.
.XXX= ±.005 ALL MACHINED SURFACES 63 MAX.
.XX= ±.01 ANG.±1/2° FRACTIONAL= ±1/64
⌖ .004 MAX. TIR. | ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	RJG	10/19/10
CHKD	SJS	·
APPR	FSH	10/21/10

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TITLE SMA RECEPTACLE, STRAIGHT FEMALE, 4 HOLE FLANGE, FIELD REPLACEABLE ø.020 PIN

MATERIAL:	FINISH:
SEE NOTE 2.0	SEE NOTE 3.0

CAGE CODE: 50896	DWG NO. OL-1206-150-1	REV. A
SCALE X:X		