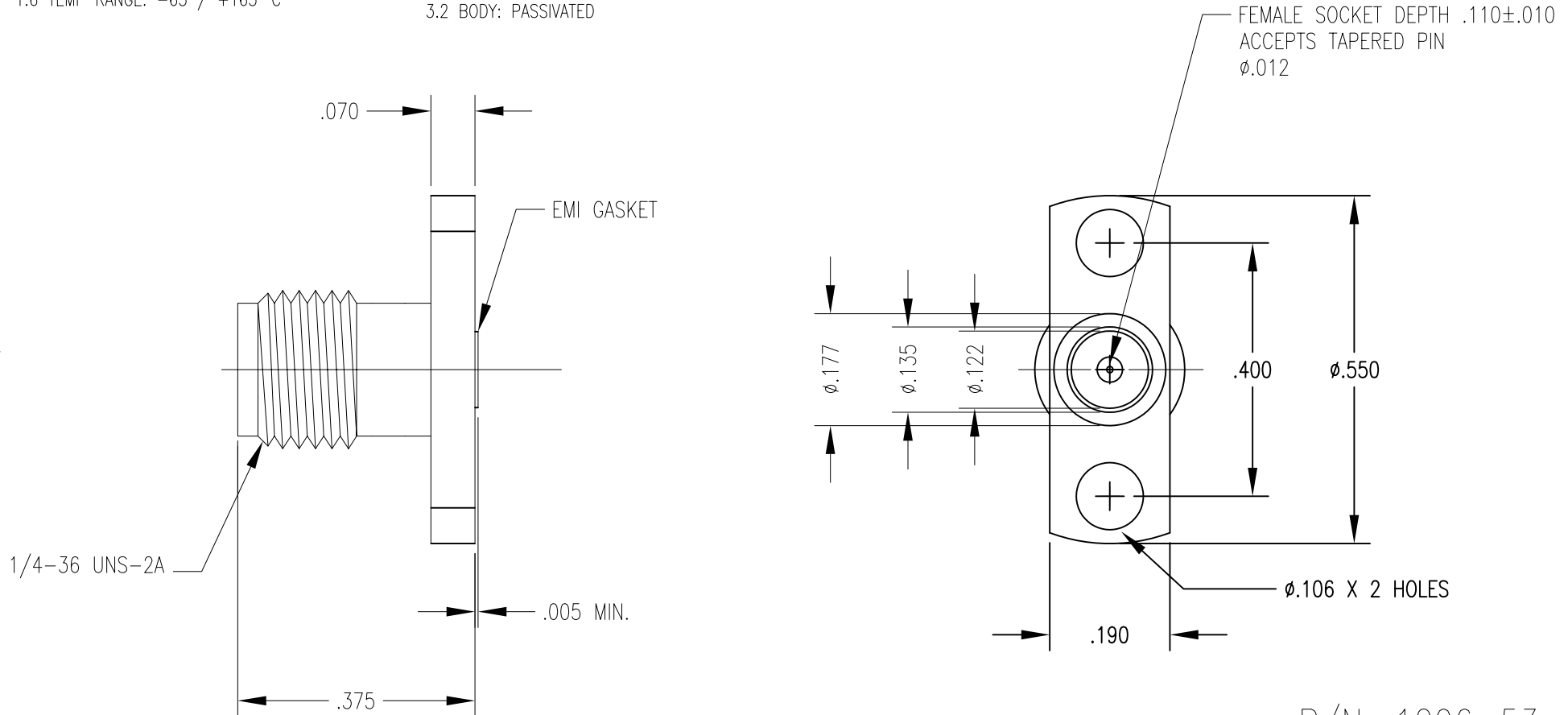


- 1.0 PERFORMANCE:
 1.1 FREQUENCY RANGE DC-27 GHz
 1.2 VSWR TYP < 1.25 THRU 20 GHz
 < 1.07 (DC-11 GHz)
 < 0.85+.02F (11-20 GHz)
 1.3 SYSTEM IMPEDANCE 50 OHMS
 1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)
 1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)
 1.6 TEMP RANGE: -65 / +165 °C

- 2.0 MATERIALS
 2.1 SOCKET CONTACT: BeCu
 2.2 BODY: STAINLESS STEEL 303
 2.3 INSULATOR: PTFE
 2.4 EMI GASKET: SILVER FILLED FLUOROSILICONE
 (REF: MIL-DTL-83528C)
 3.0 FINISHES
 3.1 CONTACTS: MINIMUM PLATE OF .000050 GOLD
 OVER .000080 NICKEL
 3.2 BODY: PASSIVATED

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

DO NOT SCALE DRAWING



P/N: 1206-53-PJ

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
C	UPDATE PERFORMECE PER TEST RESULTS	USE	9/7/05	WJ	FSH
B	CHD. NOTES 1.2, 1.5, 4.2 & 4.4	USE	4/4/05	RF	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= $\pm.005$ ALL MACHINED SURFACES $63\sqrt{\text{MAX}}$.
 .XX= $\pm.01$ ANG. $\pm 1/2^\circ$ FRACTIONAL= $\pm 1/64$
 $\text{[} \text{ } \text{]}$.004 MAX. TIR. $\text{[} \perp \text{]}$ AXIS .001

THIRD ANGLE PROJECTION

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

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San-Tron

TITLE SMA RECEPT, STRAIGHT, FEMALE, 2 HOLE , FIELD REPLACEABLE EMI/RFI GASKET ($\phi.012$ PIN)

MATERIAL: SEE NOTE 2.0 FINISH: SEE NOTE 3.0

CAGE CODE: 50896 DWG NO. OL-1206-53-1 REV. C

SCALE X:X