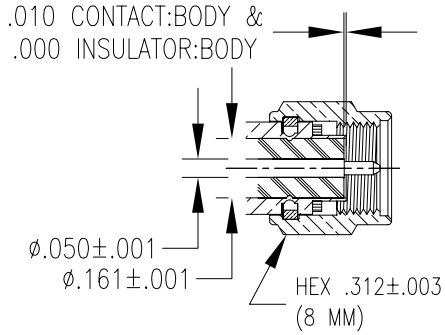
DWG NO.	REV.
OL-1212-07-1	E

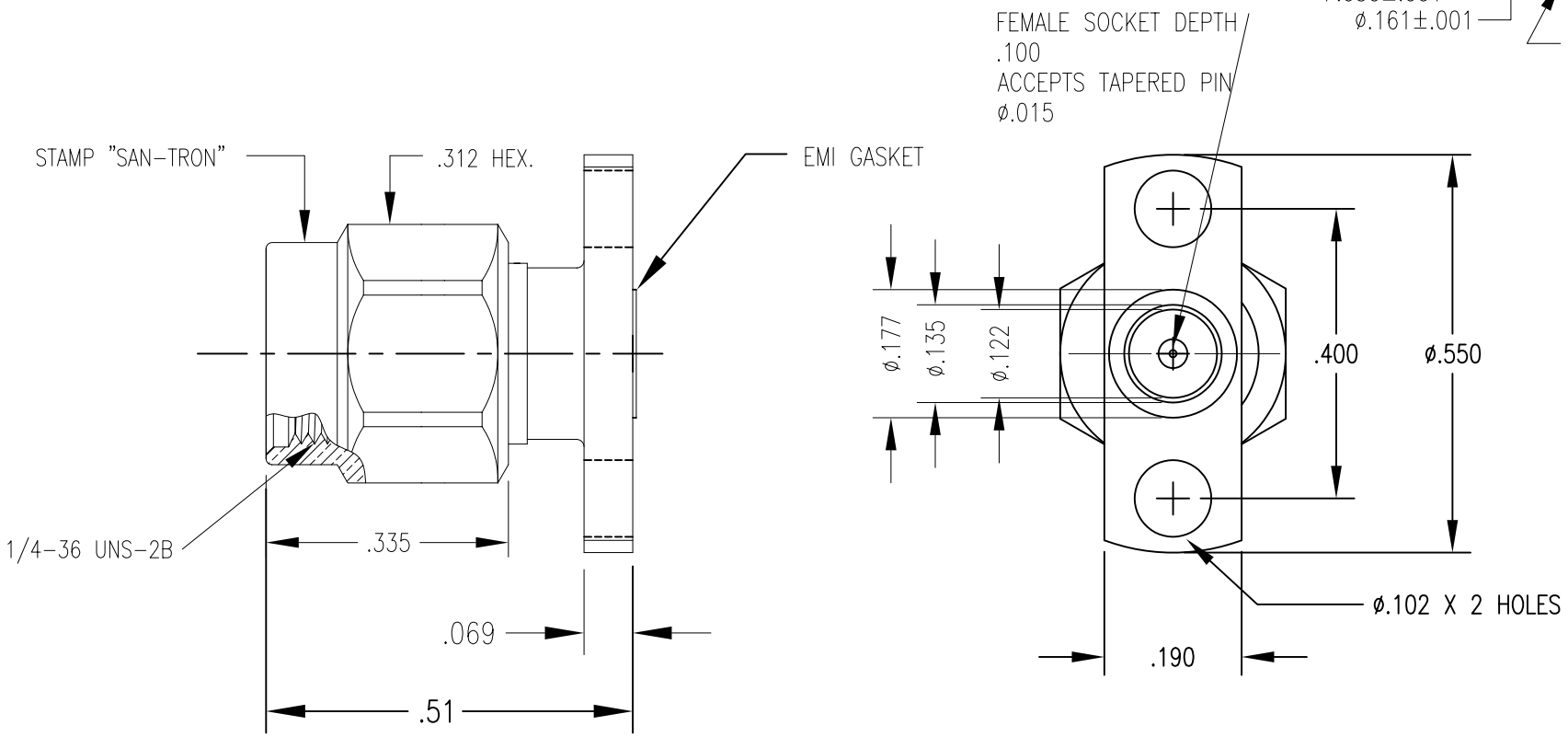
1.0 PERFORMANCE:
1.1 FREQUENCY RANGE DC-27 GHz
1.2 VSWR TYP < 1.25 THRU 20 GHz
< 1.07 (DC-11 GHz)
< 0.85+.02F (11-20 GHz)
1.3 SYSTEM IMPEDANCE 50 OHMS
1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)
1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)
1.6 TEMP RANGE: -65 / +165 °C

2.0 MATERIALS
2.1 CENTER CONTACT: BeCu
2.2 LOCKING RING: BeCu
2.3 OTHER METAL PARTS: STAINLESS STEEL 303
2.4 INSULATOR: PTFE
2.5 GASKET: SILICONE RUBBER OR VITON
2.6 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 & COUPLING NUT: PASSIVATED

4.0 MECHANICAL
4.1 INTERFACES PER MIL-STD-348
4.2 SOCKET MATING CHARACTERISTICS:
INSERTION FORCE ø.016 PIN: 20 OZ TYP, 30 OZ MAX.
WITHDRAWAL FORCE ø.014 PIN: 0.5 OZ MIN
4.3 CONTACT RETENTION: 4 LBS MIN
4.4 COUPLING PROOF TORQUE 15 INCH*LBS MIN
4.5 COUPLING NUT RETENTION 60 LBS AXIAL MIN
4.6 DURABILITY: 500 CYCLES



DO NOT SCALE DRAWING



P/N: 1212-07-PJ

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
E	UPDATE SPECIFICATIONS PER TEST RESULTS	USE	9/6/05	FSH	FSH
D	UPDATE PERFORMANCE SPECIFICATIONS	USE	8/17/05	FSH	FSH
C	UPDATE PERFORMANCE SPECIFICATIONS	USE	8/2/05	FSH	FSH
B	CHD NOTE 2.1; .507 WAS .527/.487; CHD NOTE 3.1 & 3.2	NEW	8/02/04	RF	FSH
A	ORIGINAL	NEW	7/23/04		

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

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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	RF	7/23/04
CHKD		
APPR	FSH	7/23/04

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 PANEL RECEPTACLE, STRAIGHT, MALE, 2 HOLE FLANGE, FIELD REPLACEABLE, (.015 PIN)

MATERIAL: SEE NOTES
FINISH: SEE NOTES

CAGE CODE: 50896
SCALE 4:1

DWG NO.	REV.
OL-1212-07-1	E