

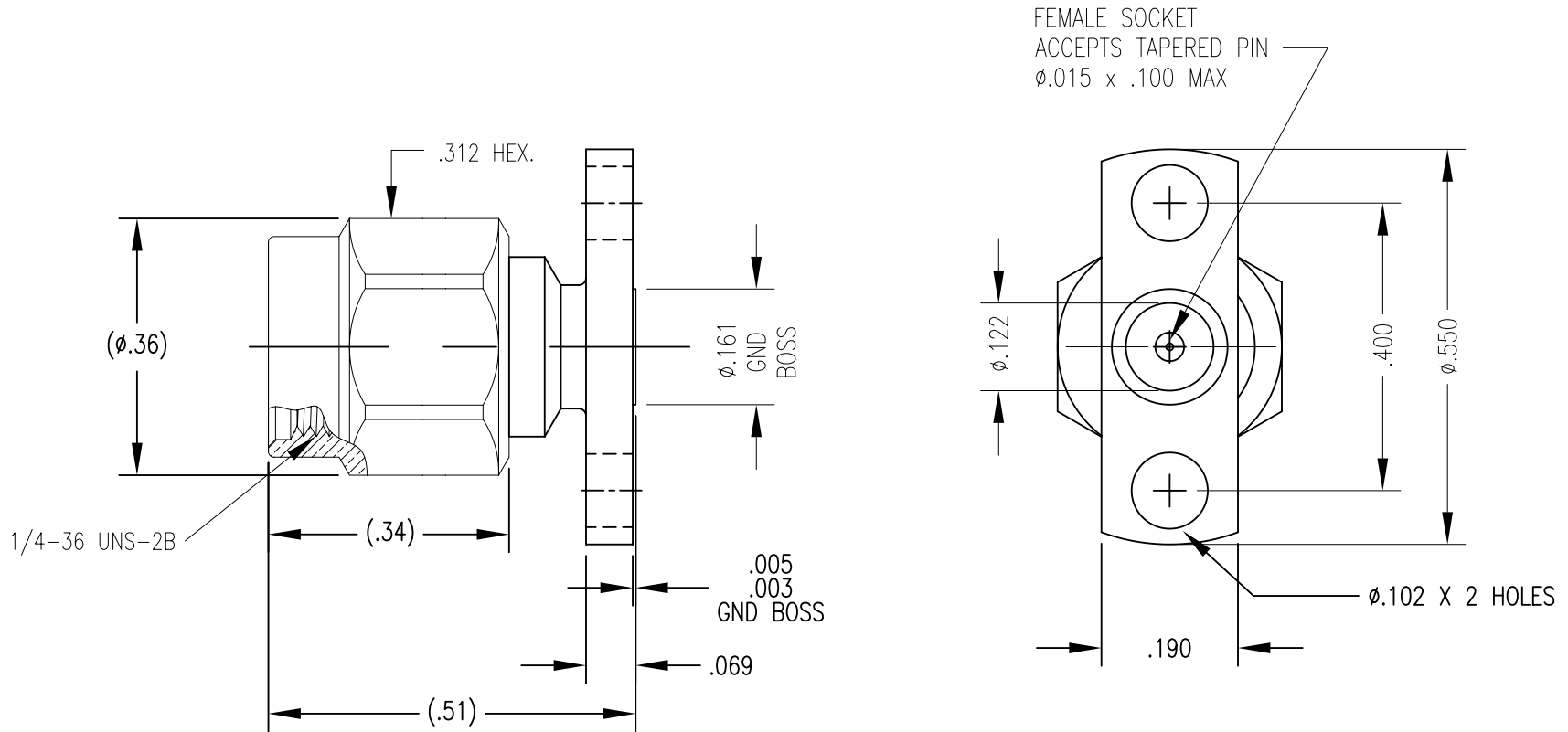
- 1.0 PERFORMANCE:  
 1.1 FREQUENCY RANGE DC-26.5 GHz  
 1.2 VSWR TYP < 1.03 + .008F (DC-24 GHz)  
     < 1.30 (26.5 GHz)  
     (SQRT OF 2 CONNECTORS + GLASS BEAD)  
 1.3 SYSTEM IMPEDANCE 50 OHMS  
 1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)  
 1.5 VOLTAGE RATING: 335 Vrms (SEA LEVEL)  
 1.6 TEMP RANGE: -65 / +165 °C

- 2.0 MATERIALS  
 2.1 PIN CONTACT: BeCu  
 2.3 LOCKING RING: BeCu  
 2.4 OTHER METAL PARTS: SS-303  
 2.5 INSULATOR: PTFE  
 2.6 GASKET: SILICONE RUBBER OR VITON  
 3.0 FINISHES: SEE TABLE

- 4.0 MECHANICAL  
 4.1 INTERFACES PER MIL-STD-348  
 4.2 SOCKET MATING CHARACTERISTICS:  
     INSERTION FORCE  $\phi$ .016 PIN: 20 OZ TYP, 30 OZ MAX  
     WITHDRAWAL FORCE  $\phi$ .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

DWG NO. OL-1212-09-1		REV. D
PART NUMBER 1212-09-PJ	BODY PASSIVATE	CONTACT GOLD/Ni

DO NOT SCALE DRAWING



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
D	UPDATE PERFORMANCE SPECIFICATIONS	USE	11/18/09	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.: 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	7/23/04
CHKD	SJS	11/17/09
APPR	FSH	7/23/04

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**San-tron**

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

MATERIAL: SEE NOTES      FINISH: SEE NOTES

CAGE CODE: 50896      DWG NO. OL-1212-09-1      REV. D

SCALE: 4:1