

- 1.0 PERFORMANCE:
 1.1 FREQUENCY RANGE DC-18 GHz
 1.2 VSWR < 1.15
 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
 1.7 PIM: < -155 dBc (-AG ONLY)

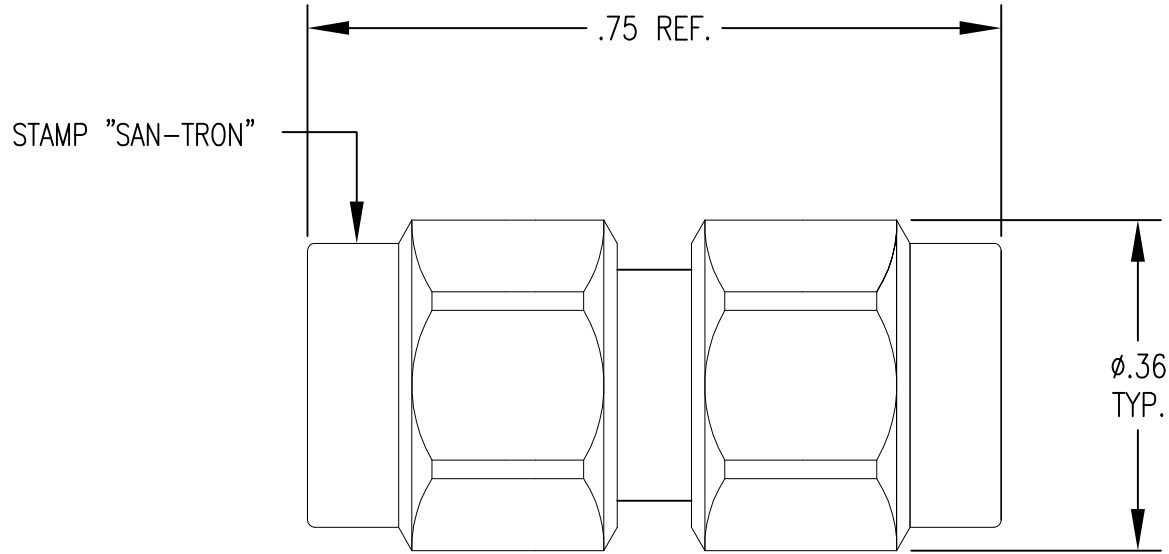
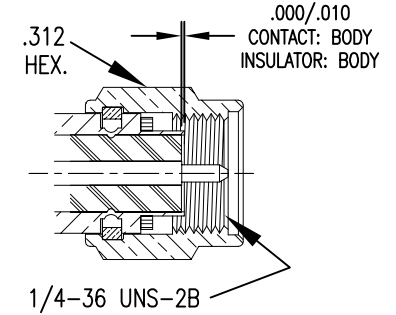
- 2.0 MATERIALS
 2.1 CONTACT: BRASS
 2.3 LOCKING RING: BeCu
 2.4 OTHER METAL PARTS: BRASS
 2.5 INSULATOR: TEFLON
 2.6 GASKET: SILICONE RUBBER OR VITON

- 3.0 FINISHES
 3.1 CONTACT: SEE TABLE
 3.2 BODY & COUPLING NUT: SEE TABLE

- 4.0 MECHANICAL
 4.1 INTERFACES PER MIL-STD-348
 4.2 COUPLING PROOF TORQUE 15 INCH*LBS MIN
 4.3 COUPLING NUT RETENTION 60 LBS AXIAL
 4.4 CONTACT RETENTION: 6 LBS MIN.
 4.5 DURABILITY: 100 CYCLES

DWG NO.	OL-1210-01-1		REV.	B
PART NUMBER	BODY	CONTACT		
1210-01-NH	NICKEL	GOLD/Ni		
1210-01-FH	Au FUSION	GOLD/Ni		
1210-01-AG	ALBALOY	GOLD/Cu		

PLATING PER SAN-TRON SPEC. 7.3.1-8



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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



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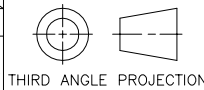
TITLE ADAPTER, STRAIGHT SMA (M) TO SMA (M)

MATERIAL: SEE NOTES FINISH: SEE NOTES

CAGE CODE: 50896 DWG NO. OL-1210-01-1 SCALE X:X REV. B

DO NOT SCALE DRAWING

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
B	ADDED PLATING CODE -AG & PIM SPEC; NO REV CHG	NEW	4/29/14	PRS	
B	NEW RELEASE	NEW	11/1/04		
Ref.:		REMOVE ALL BURRS AND SHARP EDGES .005 MAX.	INTERPRET PER ASME Y14.5M-1994		



DWN	LAP	11/1/04
CHKD	SJS	11/2/04
APPR	FSH	11/1/04