

1.0 PERFORMANCE:

1.1 FREQUENCY RANGE DC-26.5 GHz

1.2 VSWR < 1.10, 18 GHz
< 1.25, 26.5 GHz

1.3 SYSTEM IMPEDANCE 50 OHMS

1.4 DWV: 1000 Vrms @ 60 Hz (SEA LEVEL)

1.5 VOLTAGE RATING: 500 Vrms (SEA LEVEL)

1.6 TEMP RANGE: -65 / +165 °C

2.0 MATERIALS

2.1 CONTACT: BERYLLIUM COPPER

2.3 LOCKING RING: BERYLLIUM COPPER

2.4 OTHER METAL PARTS: SS-303

2.5 INSULATOR: PTFE

2.6 GASKET: SILICONE RUBBER OR VITON

3.0 FINISHES: SEE TABLE

3.1 SEE 1210-03-NH FOR BRASS VERSION

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: 500 CYCLES

DWG NO.

OL-1210-18-1

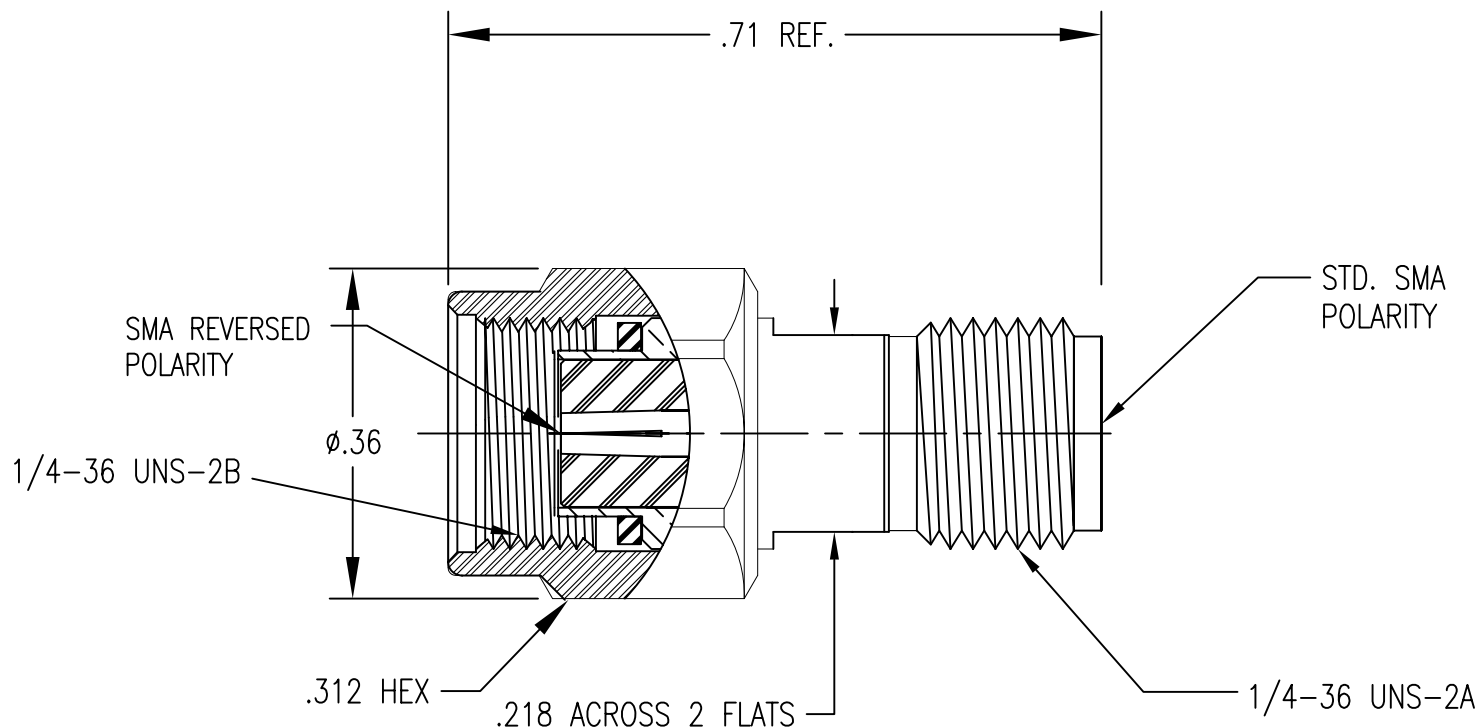
REV.

B

PLATING VARIATIONS

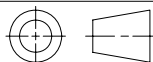
PART NUMBER	BODY	CONTACT
1210-18-PH	PASSIVATE	GOLD/Ni

PLATING PER SAN-TRON SPEC. 7.3.1-8



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PROPRIETARY TO SAN-TRON INC. IT MUST NOT BE
REPRODUCED OR DISCLOSED TO OTHERS OR USED IN
ANY OTHER WAY, IN WHOLE OR PART EXCEPT AS
AUTHORIZED IN WRITING BY SAN-TRON INCORPORATED.

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



THIRD ANGLE PROJECTION

DWN	RJG	8/3/10
CHKD	SJS	8/11/10
APPR	FSH	8/3/10



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TITLE ADAPTER, STRAIGHT
RPSMA (SOCKET) TO SMA (F)

MATERIAL: SEE NOTES
FINISH: SEE NOTES

CAGE CODE: 50896 DWG NO. OL-1210-18-1 REV. B
SCALE X:X

DO NOT SCALE DRAWING

Rev.	Revisions	Disp.	Date	Dwn.	Appd.
B	500 VRMS	FIFO	8/11/10	RJG	FHS
A	ORIGINAL	NEW	8/3/10		
REMOVE ALL BURRS AND SHARP EDGES .005 MAX. INTERPRET PER ASME Y14.5M-1994					