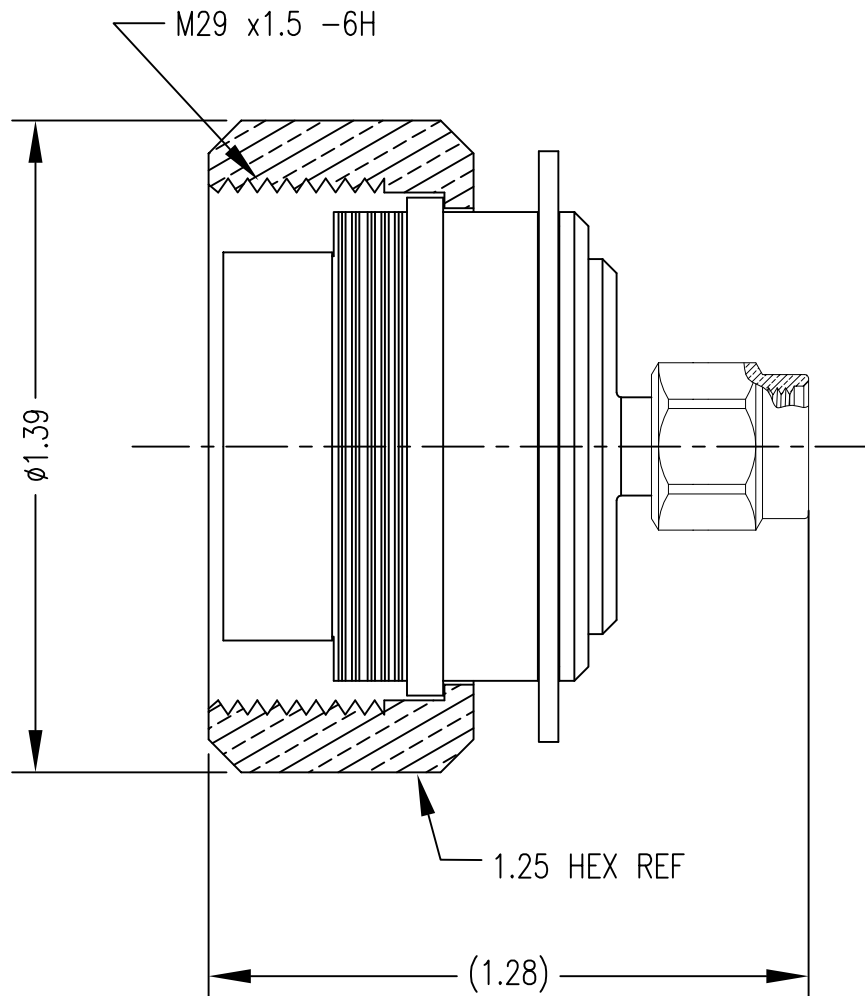




1.0 PERFORMANCE

1.1 FREQUENCY RANGE: DC-7.5GHz

1.2.1 VSWR < 1.09 (DC-7.5 GHz)

1.1.2 PIM < -170 dBc TYPICAL

1.3 VOLTAGE RANGE: 500V RMS (sea level)

1.4 NOMINAL IMPEDANCE: 50 OHMS

1.5 DWV: 1000V RMS @ 60Hz (sea level)

1.6 TEMPERATURE RANGE: -55°C TO +155°C

2.0 MATERIALS

2.1 DIELECTRIC: TEFLON, ASTM-D-1710

2.2 CENTER CONTACT: BRASS, ASTM-B-16

2.3 ALL OTHER METAL PARTS: BRASS, ASTM-B-16

2.4 GASKET: SILICONE RUBBER, ZZ-R-765, GRADE 50, RED

2.5 LOCKING RING: SS-302

3.0 FINISHES

3.1 CENTER CONTACT: GOLD PLATED

3.1 LOCKING RING: NICKEL PLATED

3.2 ALL OTHER METAL PARTS: ALBALOY PLATED

4.0 MECHANICAL

4.1 SMA TYPE INTERFACE IN ACCORDANCE WITH MIL-STD-348

4.2 7:16 TYPE INTERFACE IN ACCORDANCE WITH IEC 169-4

A	PRODUCTION RELEASE	11/22/10		
Rev.	Revisions	Date	Dwn.	Appd.
	RECOM. STOCK SIZE	FT/M PCS	QTY REQD	

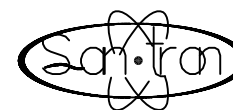
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ANY OTHER WAY, IN WHOLE OR PART EXCEPT AS
AUTHORIZED IN WRITING BY SAN*TRON INCORPORATED.

REMOVE ALL BURRS AND SHARP
EDGES .005 MAX.
UNLESS OTHERWISE STATED
ALL DIMENSIONS ARE IN INCHES
AND APPLY AFTER PLATING

UNSPECIFIED TOL.
DEC. $\pm .005$
FRAC. $\pm 1/64$
ANG. $\pm 1/2^\circ$

DWN	FSH	12/28/09
CHKD	SJS	11/22/10
APPR	FSH	11/22/10

CONCENTRICITY .004 TIR
ALL MACHINED SUFACES



SAN • TRON, INC.

4 NEWBURYPORT TPK, IPSWICH, MA 01938

TITLE
ADAPTER, STRAIGHT
7/16 (M) TO SMA (M)

MATERIAL:
FINISH:SEE NOTES

FSCM NO. 50896

SCALE NONE

DWG NO.

OL-0910-72-1

REV.

A