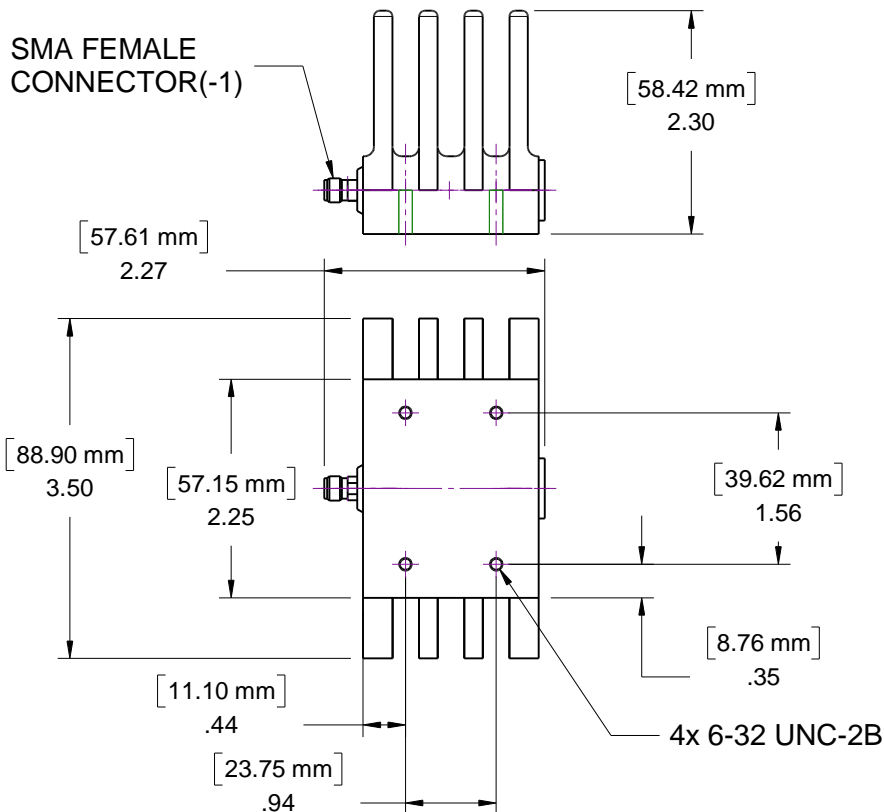


SMA FEMALE CONNECTOR(-1)



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

NOMINAL IMPEDANCE: 50 OHMS

FREQUENCY RANGE: DC-18.0 GHZ

POWER RATING: 50 WATTS AVERAGE.

MAXIMUM RATED AVERAGE POWER TO 25°C AMBIENT TEMPERATURE, DERATED LINEARLY TO 10 WATTS AT 125°C. 1KILOWATT PEAK (5 MICROSECOND PULSE WIDTH, 2.5% DUTY CYCLE)

TEMPERATURE RANGE: -55°C TO +125°C

CONSTRUCTION: BLACK FINNED ALUMINUM ALLOY BODY WITH PASSIVATED STAINLESS STEEL CONNECTOR. GOLD PLATED BERYLLIUM COPPER FEMALE CONTACT.

CONNECTOR: SMA CONNECTOR PER MIL-STD-348A, INTERFACE DIMENSIONS MATE NONDESTRUCTIVELY WITH MIL-PRF-39012.

WEIGHT: xx.xxKg / xx.xxoz.(TBD)

NOTES: DIMENSIONS ARE GIVEN IN [MM] AND ARE NOMINAL, UNLESS OTHERWISE SPECIFIED

VSWR:

FREQUENCY (GHZ)	VSWR (MAX.)
DC-8.0	1.15
8.0-12.4	1.20
12.4-18.0	1.30

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APPLICATION		DIMENSIONS IN INCHES 3 PLCS +/- .003 2 PLCS +/- .01 FRACTIONS +/- 1/64 ANGLES +/- 1/2 DEG UNLESS OTHERWISE SPECIFIED	DRAWN	DATE	COMPANY			
USED ON	NEXT ASSY		MATERIAL: NONE	LMT	10/2/13	WEINSCHEL ASSOCIATES 19212 ORBIT DRIVE GAITHERSBURG, MD 20879		
WA1490B-1		CHECKED			TITLE MODEL WA1490B-1 OUTLINE DRAWING			
		FINISH: NONE	QA		SIZE	FSCM NO.	DWG NO.	REV
			APPROVED		A	0H3E9	205146	1
			DMH	10/2/13	SCALE	SKETCH DWG NO.	SHEET	1 OF 1