ELECTRICAL SPECIFICATIONS

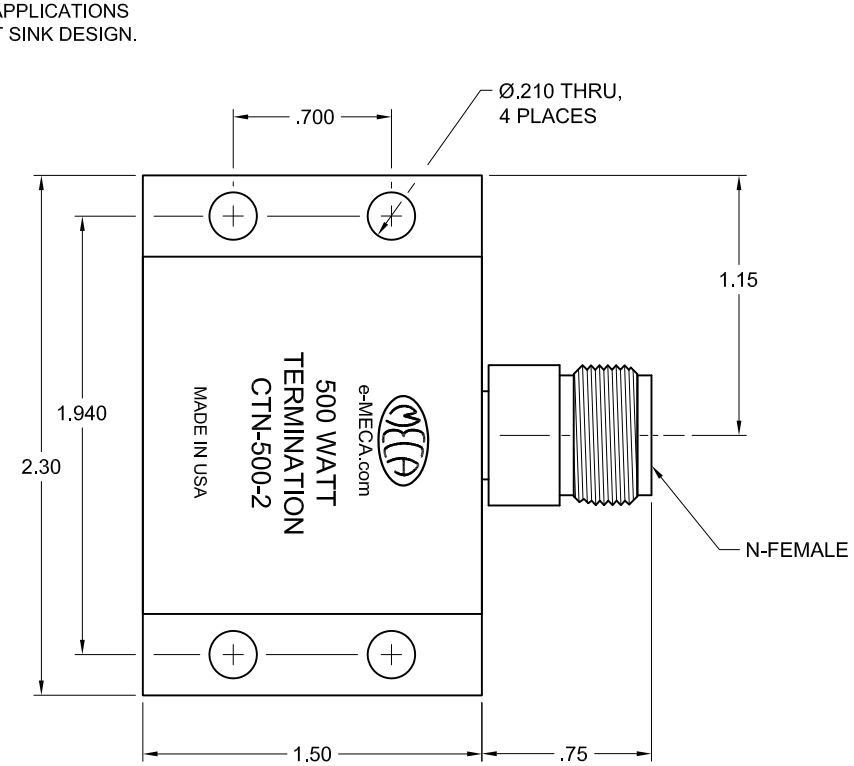
FREQUENCY:	DC - 2.000 GHz
IMPEDANCE (NOM):	50 OHMS
VSWR (MAX):	
DC - 1.000 GHz:	1.20 : 1
1.000 - 2.000 GHz:	1.25 : 1
POWER (AVG):	* 500 WATTS
(PEAK):	** 5,000 WATTS

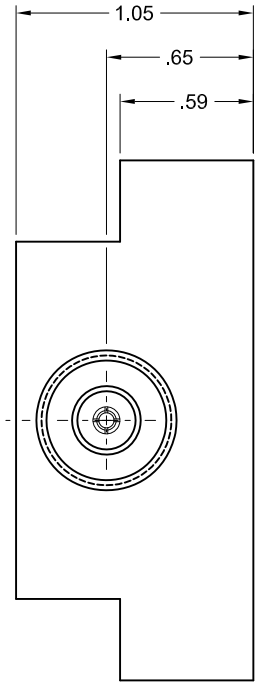
* WHEN PROPERLY HEAT SUNK, UNIT WILL OPERATE AT FULL-RATED POWER UP TO 25°C AND DERATE LINEARLY TO 0 AT 150°C. PLEASE CONSULT WITH AN APPLICATIONS ENGINEER FOR APP NOTE ON PROPER HEAT SINK DESIGN.

** 100 µsec PULSE, 1% DUTY CYCLE .

MECHANICAL SPECIFICATIONS

CONNECTOR:	N-FEMALE, BRASS, ALBALOY
CONTACT PIN:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	COPPER, ALBALOY
INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
OPERATING TEMPERATURE:	-55°C TO +85°C
WEIGHT:	12.1 oz.





LTR	PG	DESCRIPTION	DATE	DR	APP
F		SEE DCN # 120306-3	03/09/12	NL	RR
E		SEE DCN # 081211-3	12/16/08	GQ	RR

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A	
DRAWN: GQ	DATE: 06/05/07	TIR: N/A	
APPROVED: RR	DATE: 06/05/07	SCALE: NTS	SIZE A
		SHEET: 1 OF 1	

ELECTRONICS, INC.
DENVILLE, NEW JERSEY
e-MECA.com

TITLE
TERMINATION, 50 OHMS,
500 WATTS, TYPE N-FEMALE

CAGE CODE NO.	DRAWING NO.	REV
22424	CTN-500-2	F