

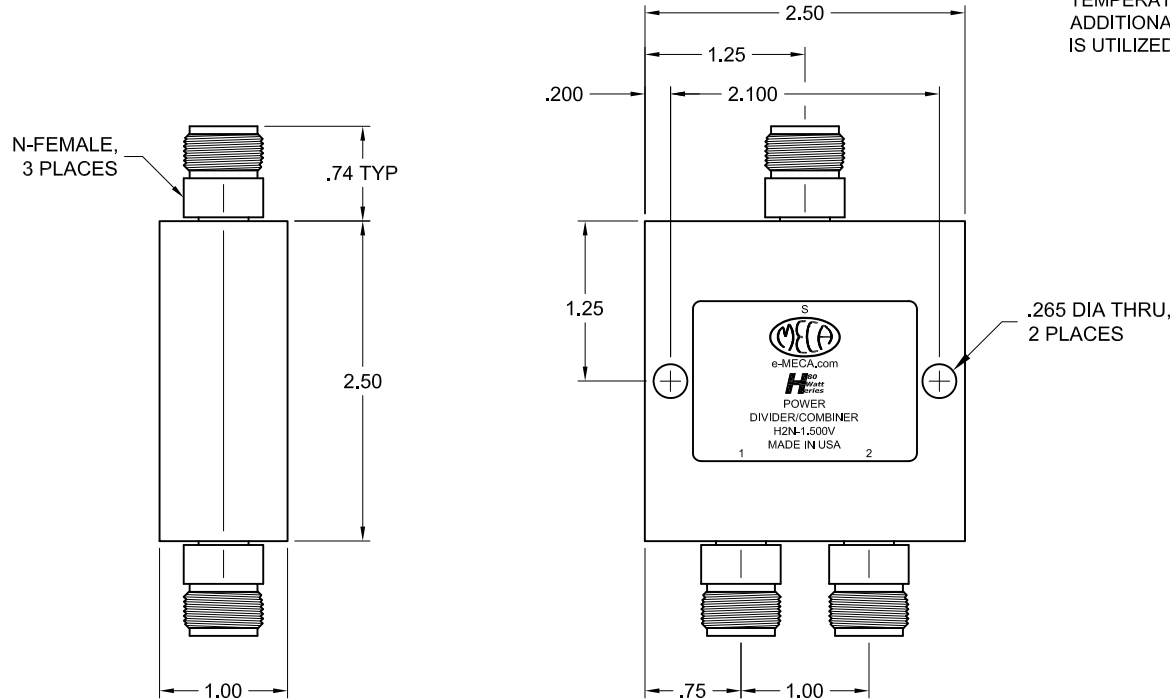
# ELECTRICAL SPECIFICATIONS



FREQUENCY RANGE (GHz):	0.800 - 2.200
IMPEDANCE (NOMINAL):	50 OHMS
VSWR: PORT S:	1.20:1 TYP/1.30:1 MAX
PORTS 1 & 2:	1.10:1 TYP/1.15:1 MAX
INSERTION LOSS (dB):	0.4 TYP / 0.5 MAX
AMPLITUDE BALANCE (MAX):	0.2 dB
PHASE BALANCE (MAX):	2 DEGREES
ISOLATION (dB):	25 TYP / 20 MIN
RF POWER (TOTAL MAX):	40 WATTS PER PORT (1 & 2)
	80 WATTS TOTAL (S)

# MECHANICAL SPECIFICATIONS

CONNECTORS:	N-FEMALE, BRASS, ALBALOY
CONNECTOR PINS:	BERYLLIUM COPPER, SILVER PLATE
HOUSING:	ALUMINIUM, RoHS COMPLIANT IRIDITE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
CASE OPERATING TEMP:	-55°C TO +85°C
DERATING:	100% AT CASE TEMPERATURE OF +85°C DERATED TO 0 AT +150°C
WEIGHT:	10 oz.

**NOTE:**  
THE UNIT IS DESIGNED TO PROVIDE CONTINUOUS FULL-RATED POWER WHEN A METHOD OF HEAT TRANSFER WHICH KEEPS THE CASE TEMPERATURE AT OR BELOW +85°C (I.E. ADDITIONAL HEAT SINKING AND/OR COOLING FAN) IS UTILIZED



F		SEE DCN #130130-2	01/30/13	M.O.C.	CC	MATERIAL:	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 <b>ELECTRONICS, INC.</b> DENVER, NEW JERSEY e-MECA.com	
E		SEE DCN #100521	05/21/10	DB	EB	SEE ABOVE	TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A			
D		SEE DCN #070924-3	09/24/07		RR	FINISH:	TIR: N/A		 <b>2-WAY POWER DIVIDER/COMBINER</b>	
C		SEE DCN #070430-2	04/30/07		RR	SEE ABOVE	SCALE: NTS			
B		SEE DCN #061008	03/08/06		JL	DRAWN:	DATE:	SIZE	CAGE CODE NO.	
A		SEE DCN #055014	12/16/05		JL	NL	02/11/05	A		
LTR	PG	DESCRIPTION	DATE	DR	APP	APPROVED:	DATE:	SHEET: 1 OF 1	DRAWING NO.	REV
						EMM	02/14/05		H2N-1.500V	F