

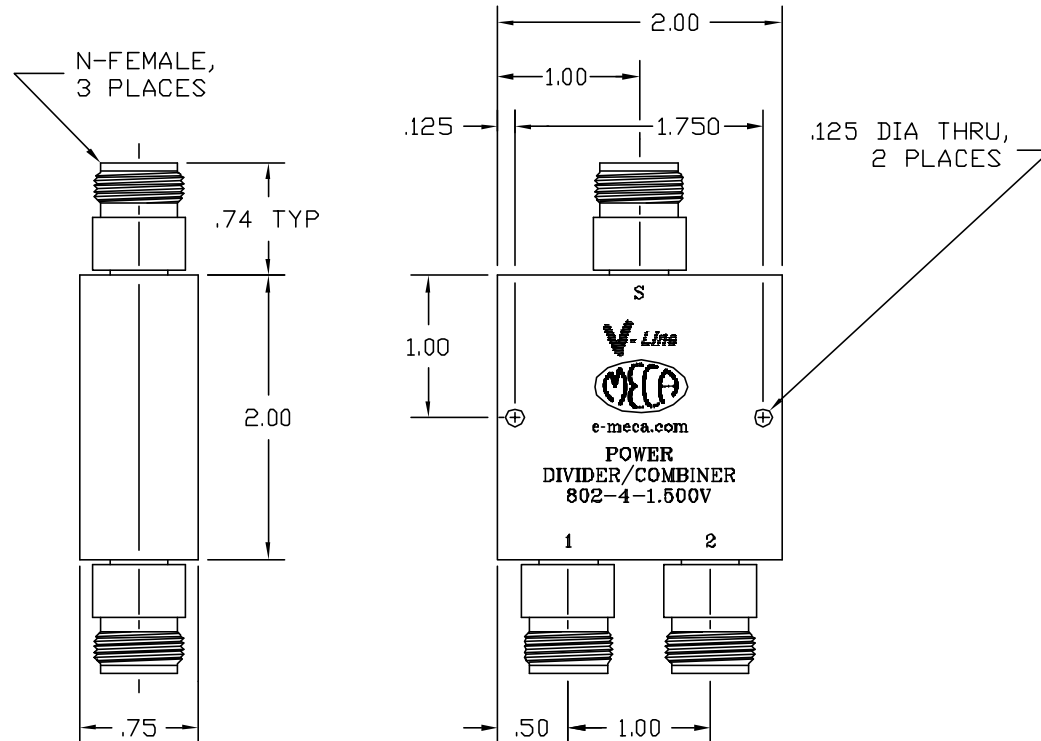
# ELECTRICAL SPECIFICATIONS


FREQUENCY RANGE (GHz): 0.800-2.200  
 IMPEDANCE (NOMINAL): 50 OHMS  
 VSWR: INPUT: 1.15:1 TYPICAL/1.25:1 MAX  
 OUTPUT: 1.10:1 TYPICAL/1.20:1 MAX  
 INSERTION LOSS (dB): 0.30 TYPICAL/0.40 MAX  
 AMPLITUDE BALANCE (MAX): 0.1 dB  
 PHASE BALANCE (MAX): 2 DEGREES  
 ISOLATION (dB): 27 TYPICAL/22 MIN  
 RF POWER (TOTAL MAX): 20 WATTS INPUT WITH LOAD  
 \* (AS DIVIDER ONLY) VSWR 1.2:1 OR BETTER

# MECHANICAL SPECIFICATIONS

CONNECTORS: N-FEMALE, BRASS, ALBALDY PLATE  
 CONNECTOR PINS: BERYLLIUM COPPER, GOLD PLATE  
 HOUSING: ALUMINUM, YELLOW IRIDITE, RoHS COMPLIANT  
 INSULATORS: PTFE, VIRGIN ELECTRICAL GRADE  
 TEMPERATURE: -55°C TO +85°C

\* NOTE: SEE APPLICATION NOTE  
 MAP-801 (WWW E-MECA.COM)



C	SEE DCN # 070524-3	05/24/07	RR	MATERIAL:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 <b>ELECTRONICS, INC.</b> DENVER, NEW JERSEY e-meca.com	
				SEE ABOVE		TOLERANCES			TITLE <b>V-Line</b> 2-WAY, IN PHASE (0 DEGREE), POWER DIVIDER/COMBINER, N-FEMALE
				FINISH:		2 PLACES: ± .02			
				SEE ABOVE		3 PLACES: ± .010			
LTR	DESCRIPTION	DATE	APP	DRAWN:	DATE:	TIR:	SIZE		
				RWA	10/24/01				
				APPROVED:	DATE:	SCALE: NTS			
				MJD	10/24/01	SHEET:	CODE IDENT. NO.	DRAWING NO.	
							22424	802-4-1.500V	