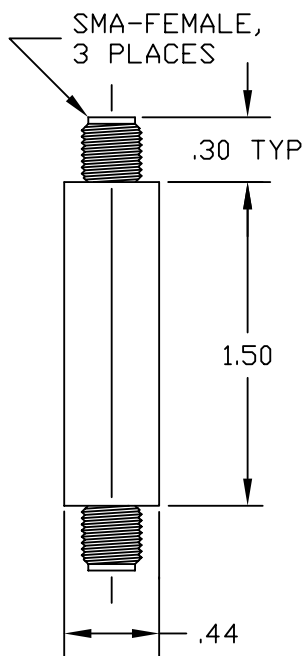


ELECTRICAL SPECIFICATIONS

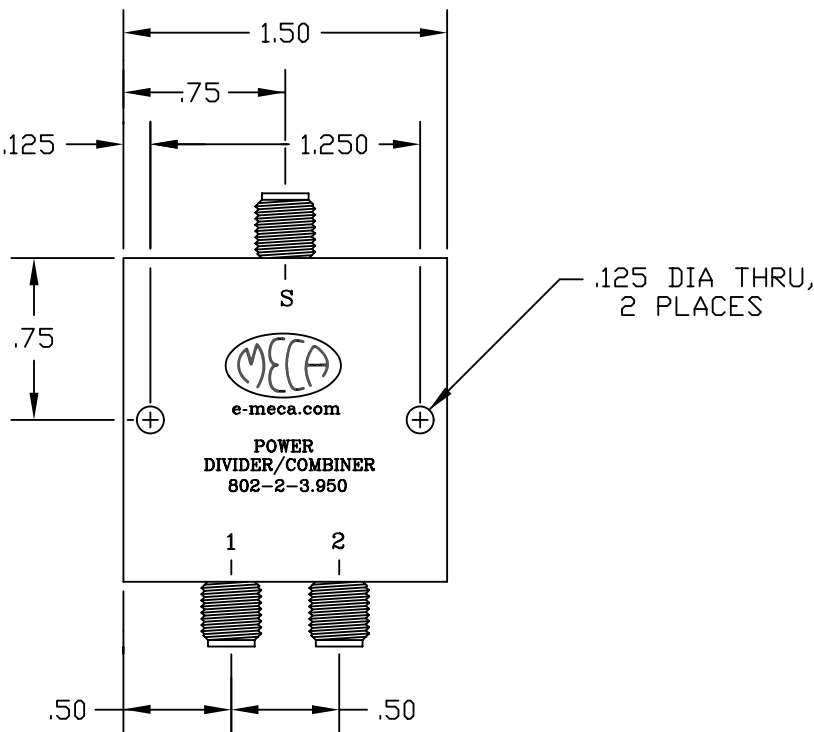
FREQUENCY RANGE (GHz): 3.700-4.200
IMPEDANCE (NOMINAL): 50 OHMS
VSWR: INPUT: 1.10:1 TYPICAL/1.15:1 MAX
OUTPUT: 1.10:1 TYPICAL/1.15:1 MAX
INSERTION LOSS (dB): 0.25 TYPICAL/0.30 MAX
AMPLITUDE BALANCE (MAX): 0.1 dB
PHASE BALANCE (MAX): 1 DEGREE
ISOLATION (dB): 35 TYPICAL/30 MIN
RF POWER (TOTAL MAX): 10 WATTS INPUT WITH LOAD
VSWR 1.2:1 OR BETTER



MECHANICAL SPECIFICATIONS

*CONNECTORS: SMA-FEMALE, STAINLESS STEEL, PASSIVATE
CONNECTOR PINS: BERYLLIUM COPPER, GOLD PLATE
HOUSING: ALUMINUM, YELLOW IRIDITE
INSULATORS: TEFLON[®], VIRGIN ELECTRICAL GRADE
TEMPERATURE: -55°C TO +70°C

*CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A



A	REDRAWN	08/30/00	MJD	MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 ELECTRONICS, INC. DENVILLE, NEW JERSEY e-meca.com	
				FINISH: SEE ABOVE		TOLERANCES 2 PLACES : ± .02 3 PLACES : ± .010 ANGLES : ± ---			
				DRAWN: LB	DATE: 08/30/00	TIR:		TITLE 2-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE	
				APPROVED: MJD	DATE: 08/30/00	SCALE: 1 : 1	SIZE A		
LTR	DESCRIPTION	DATE	APP			SHEET: 1 OF 3			CODE IDENT. NO. 22424