

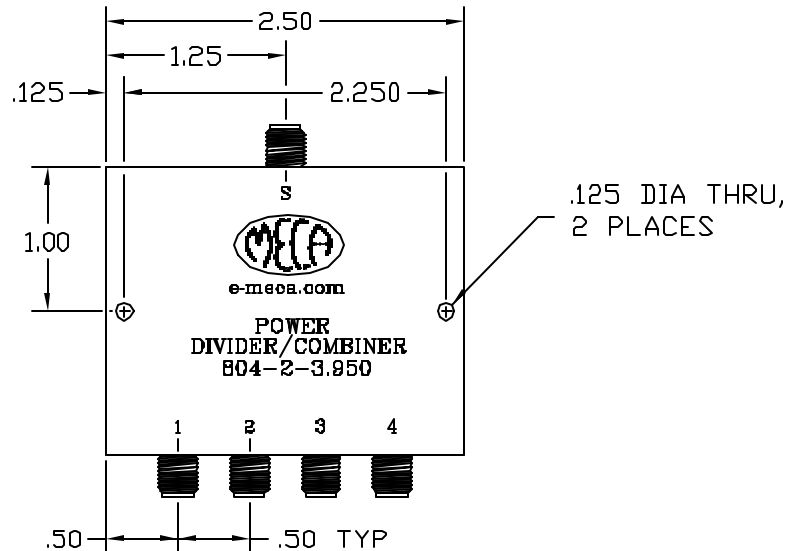
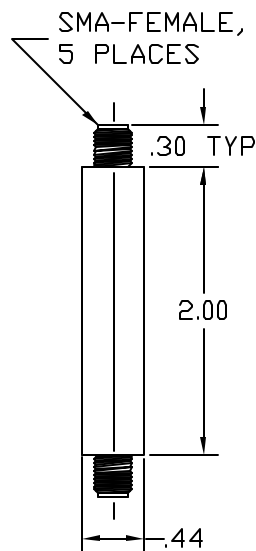
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 3.700-4.200
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR: INPUT: 1.15:1 TYPICAL/1.20:1 MAX
 OUTPUT: 1.10:1 TYPICAL/1.15:1 MAX
 INSERTION LOSS (dB): 0.6 TYPICAL/0.7 MAX
 AMPLITUDE BALANCE (MAX): 0.2 dB
 ISOLATION (dB): 32 TYPICAL/27 MIN
 PHASE BALANCE (MAX): 3 DEGREES
 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	10/06/00	MJD	MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com		
				FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ± .02 3 PLACES: ± .010 ANGLES: ± ---			TITLE		
				DRAWN: LB		DATE: 10/06/00		TIR:		4-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE	
				APPROVED: MJD		DATE: 10/06/00		SCALE: 1 : 0.8		SIZE A	CODE IDENT. NO. 22424
LTR	DESCRIPTION	DATE	APP			SHEET: 1 OF 3					