

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (MHz): 5 - 500
 IMPEDANCE (NOMINAL): 50 Ohms
 VSWR: INPUT: 1.10:1 TYP/1.20:1 MAX
 OUTPUT: 1.05:1 TYP/1.15:1 MAX
 INSERTION LOSS (dB): 0.3 TYP/0.6 MAX
 AMPLITUDE BALANCE (MAX): 0.1 dB
 ISOLATION (dB): 30 TYP/23 MIN
 PHASE BALANCE (MAX): 1 DEGREES
 RF POWER (TOTAL MAX):

* (AS DIVIDER)

2 WATTS INPUT WITH LOAD
 VSWR 1.5:1 OR BETTER

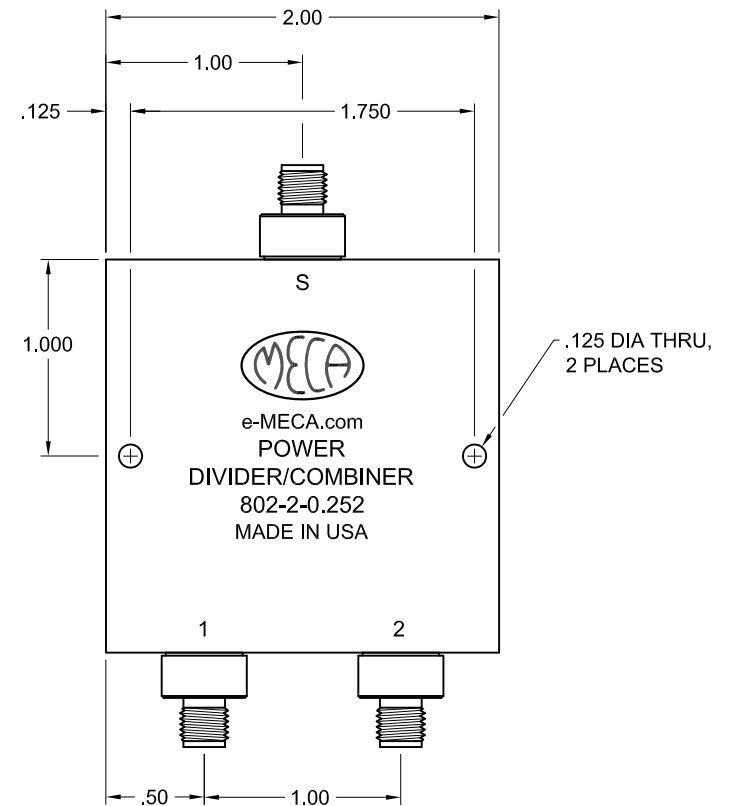
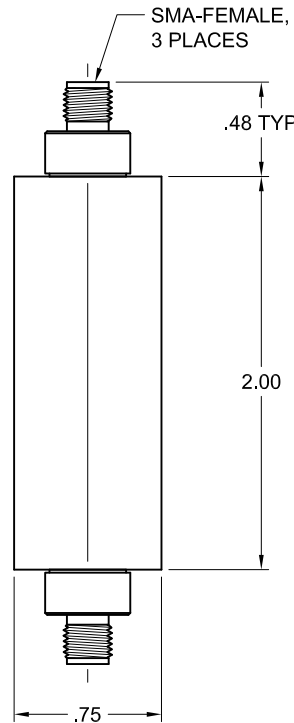
* (AS COMBINER)


50 MILLIWATTS (+17dBm)
 INTO PORTS 1-2
 SIMULTANEOUSLY

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

MECHANICAL SPECIFICATIONS

CONNECTORS: SMA-FEMALE, STAINLESS STEEL, PASSIVATE
 CONNECTOR PINS: BERYLLIUM COPPER, GOLD PLATE
 HOUSING: ALUMINUM, RoHS COMPLIANT IRIDITE
 INSULATORS: PTFE, VIRGIN ELECTRICAL GRADE
 TEMPERATURE: -55°C TO +85°C
 WEIGHT: 1.8 oz



B		SEE DCN #111207	12/07/11	M.O.C.	CC	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	 ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com				
A		NEW	08/23/11	M.O.C.	CC	FINISH: SEE ABOVE	TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A					
LTR	PG	DESCRIPTION	DATE	DR	APP	DRAWN: M.O.C.	DATE: 08/23/11	TIR: N/A	TITLE 2-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE			
						APPROVED: CC	DATE: 08/24/11	SCALE: NTS	SIZE A	CODE IDENT. NO. 22424	DRAWING NO. 802-2-0.252	REV B