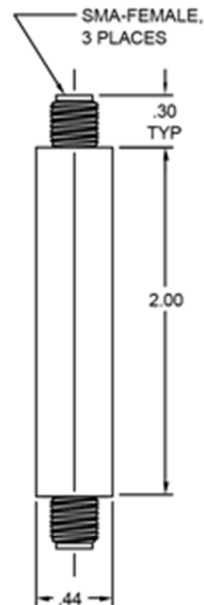


## ELECTRICAL SPECIFICATIONS

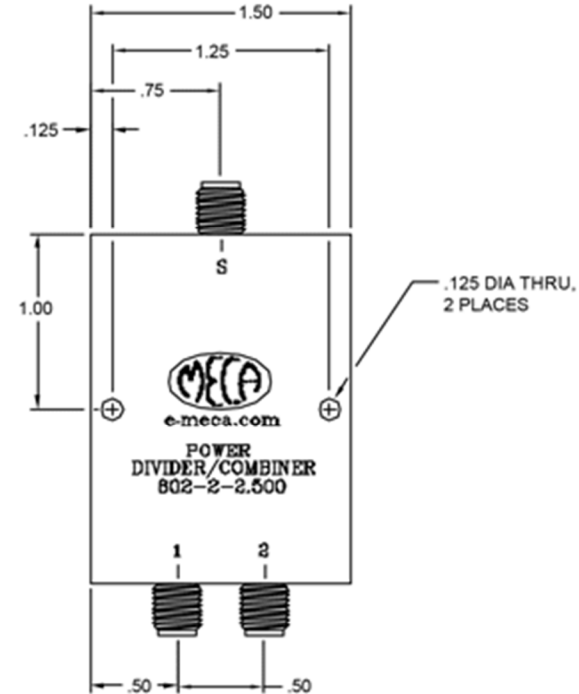
FREQUENCY RANGE (GHz):	1.000 - 4.000
IMPEDANCE (NOMINAL):	50 Ohms
VSWR: INPUT:	1.25:1 TYP/1.35:1 MAX
OUTPUT:	1.15:1 TYP/1.25:1 MAX
INSERTION LOSS (dB):	0.4 TYP/0.5 MAX
AMPLITUDE BALANCE (MAX):	0.2 dB
PHASE BALANCE (MAX):	2 DEGREES
ISOLATION (dB):	25 TYP/20 MIN
RF POWER (TOTAL MAX):	20 WATTS INPUT WITH LOAD
Ⓐ * (AS DIVIDER ONLY)	VSWR 1.2:1 OR BETTER

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




## MECHANICAL SPECIFICATIONS

CONNECTORS:	SMA-FEMALE, STAINLESS STEEL, PASSIVATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, YELLOW IRIDITE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
OPERATING TEMP:	-65°C TO +150°C



This document gives only a description of the product(s) and shall not form part of any contract. Please contact a MECA Applications Engineer for the most current specification drawing.

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 <b>ELECTRONICS, INC.</b> DENVER, NEW JERSEY e-meca.com
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.01 ANGLES: N/A		
DRAWN:		DATE:		TITLE 2-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE
APPROVED:		DATE:		CODE IDENT. NO.
		SCALE: NTS		DRAWING NO.
		SIZE A		

