

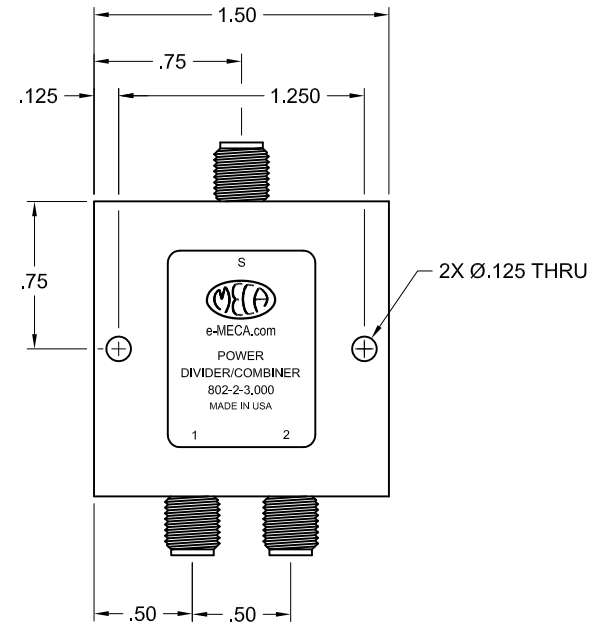
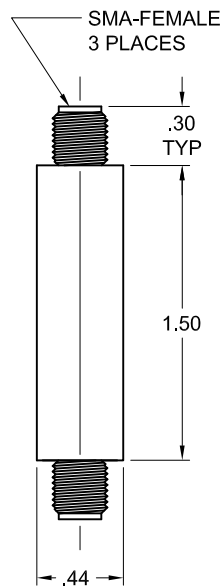
# ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	2.000 - 4.000
IMPEDANCE (NOMINAL):	50 Ohms
VSWR: INPUT:	1.15:1 TYP/1.25:1 MAX
OUTPUT:	1.10:1 TYP/1.15:1 MAX
INSERTION LOSS (dB):	0.2 TYP/0.3 MAX
AMPLITUDE BALANCE (MAX):	0.1 dB
PHASE BALANCE (MAX):	2 DEGREES
ISOLATION (dB):	25 TYP/22 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
CONNECTOR PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, RoHS COMPLIANT IRIDITE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-55°C TO +85°C
WEIGHT:	1.30 oz



					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: N/A			TITLE POWER DIVIDER/COMBINER, 2-WAY, IN-PHASE, SMA-FEMALE		
D		SEE DCN #130624-1	06/24/13	NL	RR	DRAWN: LB	DATE: 08/30/00	TIR: N/A	CAGE CODE NO. 22424	DRAWING NO. 802-2-3.000	REV D
C		ADDED	10/13/04		EMM	APPROVED: MJD	DATE: 08/30/00	SCALE: NTS			
B		WAS 1.20:1	09/22/00		MJD			SHEET: 1 OF 1			
A		REDRAWN	08/30/00		MJD						
LTR	PG	DESCRIPTION	DATE	DR	APP						