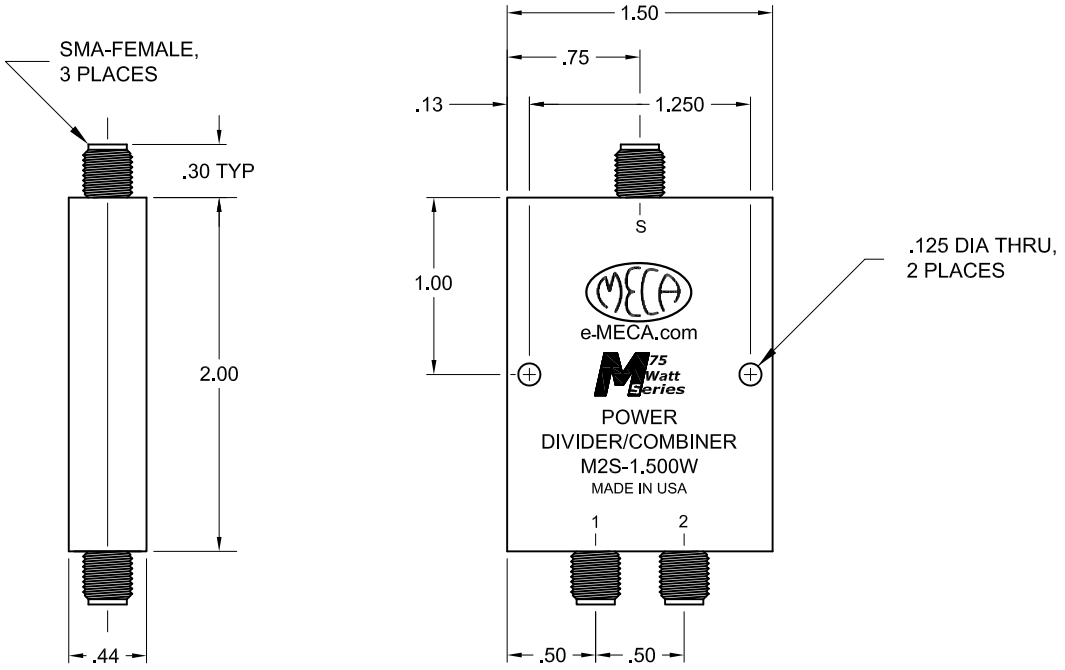
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	0.800-2.200
IMPEDANCE (NOMINAL):	50 OHMS
VSWR: INPUT:	1.15:1 TYP/1.25:1 MAX
OUTPUT:	1.10:1 TYP/1.20:1 MAX
INSERTION LOSS (dB):	0.3 TYP/0.4 MAX
AMPLITUDE BALANCE (MAX):	0.1 dB
PHASE BALANCE (MAX):	2 DEGREES
ISOLATION (dB):	27 TYP/22 MIN
RF POWER (TOTAL MAX):	75 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:	1.6 oz.



LTR	PG	DESCRIPTION	DATE	DR	APP
D		SEE DCN #110624-1	06/28/11	NL	EB
C		SEE DCN #091117	11/18/09	AC	EB

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A	
DRAWN: EMB	DATE: 06/05/02	TIR: N/A	
APPROVED: MJD	DATE: 06/05/02	SCALE: NTS	SIZE A
		SHEET: 1 OF 1	

ELECTRONICS, INC.
DENVILLE, NEW JERSEY
e-MECA.com

TITLE
2-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE

CODE IDENT. NO.	DRAWING NO.	REV
22424	M2S-1.500W	D