

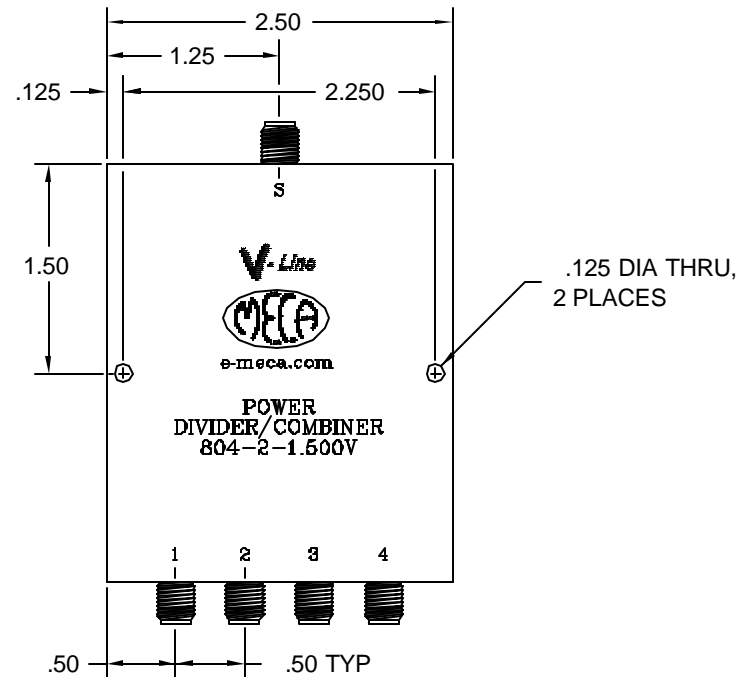
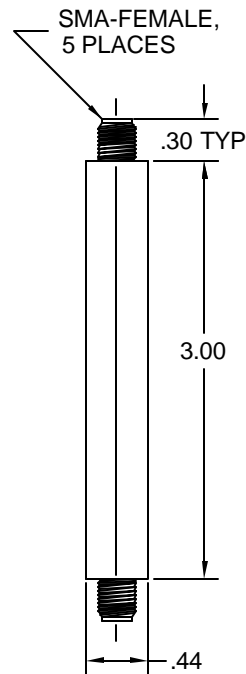
ELECTRICAL SPECIFICATIONS


FREQUENCY RANGE (GHz):	0.800-2.200
IMPEDANCE (NOMINAL):	50 OHMS
VSWR: INPUT:	1.20:1 [Ⓒ] TYP/1.30:1 [Ⓒ] MAX
OUTPUT:	1.10:1 [Ⓒ] TYP/1.20:1 [Ⓒ] MAX
INSERTION LOSS (dB):	0.6 TYP/0.8 MAX
AMPLITUDE BALANCE (MAX):	0.2 dB
ISOLATION (dB):	27 [Ⓐ] TYP/22 [Ⓒ] MIN
PHASE BALANCE (MAX):	4 DEGREES
RF POWER (TOTAL MAX):	20 WATTS INPUT WITH LOAD
* (AS DIVIDER ONLY)	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:	PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-55°C TO +85°C

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



G	ADDED	10/14/04	EMM	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	 ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com
F	WAS 1.35:1	05/28/02	MJD	FINISH: SEE ABOVE	TOLERANCES 2 PLACES: ± .02 3 PLACES: ± .010 ANGLES: ± ---	
E	WAS 1.25:1	05/28/02	MJD	DRAWN: RWA	DATE: 10/10/01	TITLE V-Line 4-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE
D	WAS 1.25:1	05/28/02	MJD	APPROVED: MJD	DATE: 10/10/01	SCALE: NTS
C	WAS 1.15:1	05/28/02	MJD			SIZE A
B	WAS 20	05/28/02	MJD			CODE IDENT. NO. 22424
A	WAS 25	05/28/02	MJD			DRAWING NO. 804-2-1.500V
LTR	DESCRIPTION	DATE	APP			