

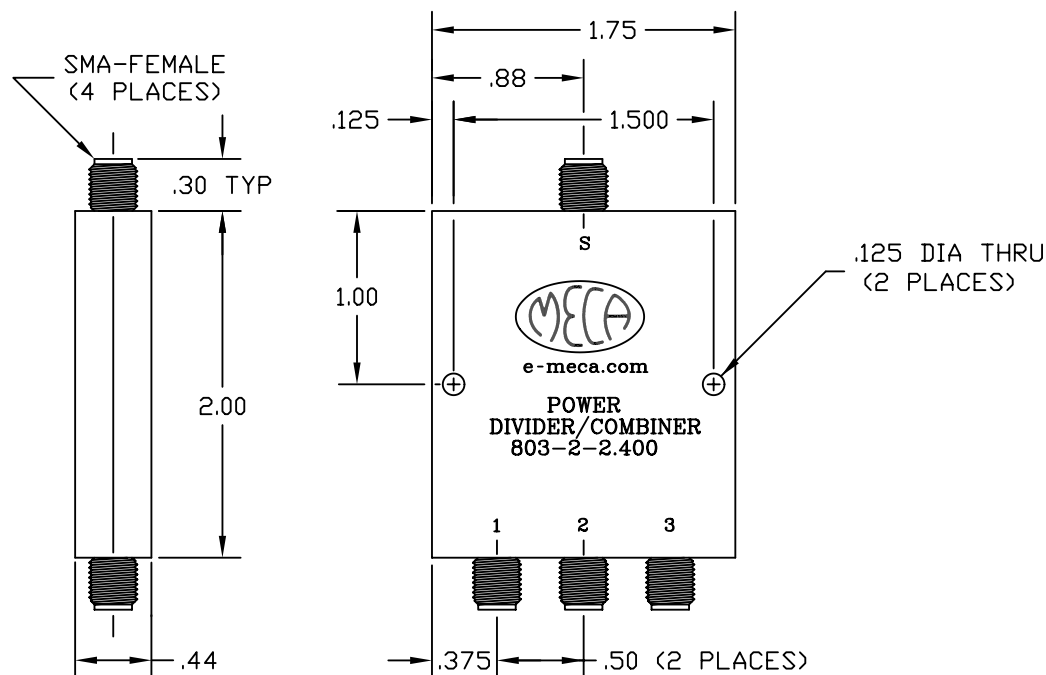
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 2.100-2.700
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR: INPUT: 1.15:1 TYPICAL/1.20:1 MAX
 OUTPUT: 1.10:1 TYPICAL/1.15:1 MAX
 INSERTION LOSS (dB): 0.35 TYPICAL/0.40 MAX
 AMPLITUDE BALANCE (MAX): 0.2 dB
 PHASE BALANCE (MAX): 3 DEGREES
 ISOLATION (dB): 35 TYPICAL/30 MINIMUM
 RF POWER (TOTAL MAX): 10 WATTS INPUT WITH LOAD
 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: TEFLON,[®]VIRGIN ELECTRICAL GRADE
 TEMPERATURE: -55°C TO +70°C

*CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A



MATERIAL:
SEE ABOVE

UNLESS OTHERWISE
SPECIFIED, DIMENSIONS
ARE IN INCHES

FINISH:
SEE ABOVE

TOLERANCES
2 PLACES: $\pm .02$
3 PLACES: $\pm .010$
ANGLES: $\pm \text{---}$

DRAWN:
LB

DATE:
09/26/00

TIR:

APPROVED:
MJD

DATE:
09/26/00

SCALE: 1 : 0.8

SHEET: 1 OF 3

SIZE

A



ELECTRONICS, INC.
DENVER, NEW JERSEY
e-meca.com

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

CODE IDENT. NO.
22424

DRAWING NO.
803-2-2.400

A	REDRAWN	09/26/00	MJD
LTR	DESCRIPTION	DATE	APP