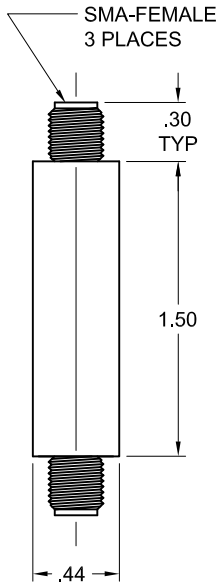
ELECTRICAL SPECIFICATIONS

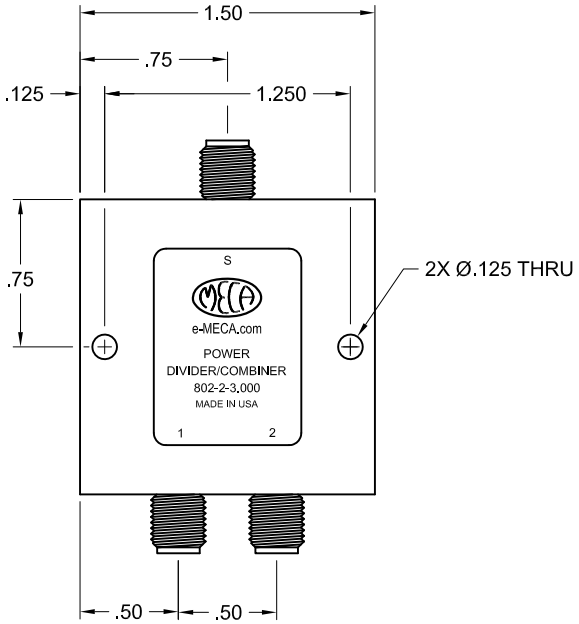
FREQUENCY RANGE (GHz):	2.000 - 4.000
IMPEDANCE (NOMINAL):	50 Ohms
VSWR: INPUT:	1.15:1 TYP/1.25:1 MAX
OUTPUT:	1.10:1 TYP/1.15:1 MAX
INSERTION LOSS (dB):	0.2 TYP/0.3 MAX
AMPLITUDE BALANCE (MAX):	0.1 dB
PHASE BALANCE (MAX):	2 DEGREES
ISOLATION (dB):	25 TYP/22 MIN
RF POWER (TOTAL MAX): * (AS DIVIDER ONLY)	20 WATTS INPUT WITH LOAD VSWR 1.2:1 OR BETTER

* NOTE: SEE APLICATION 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





LTR	PG	DESCRIPTION	DATE	DR	APP
D		SEE DCN #130624-1	06/24/13	NL	RR
C		ADDED	10/13/04		EMM
B		WAS1.20:1	09/22/00		MJD
A		REDRAWN	08/30/00		MJD

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

DRAWN: LB — DATE: 08/30/00

APPROVED: MJD — DATE: 08/30/00

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES

TOLERANCES
2 PLACES: ±.02
3 PLACES: ±.010
ANGLES: N/A

TIR: N/A

SCALE: NTS

SHEET: 1 OF 1

SIZE: A

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

TITLE
POWER DIVIDER/COMBINER,
2-WAY, IN-PHASE, SMA-FEMALE

CAGE CODE NO.	DRAWING NO.	REV
22424	802-2-3.000	D