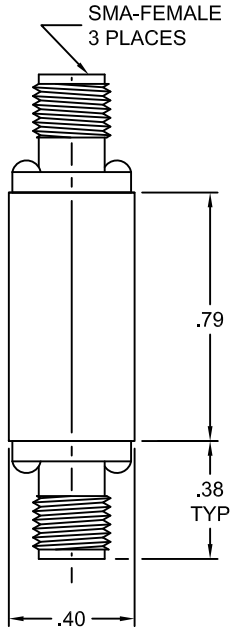
ELECTRICAL SPECIFICATIONS

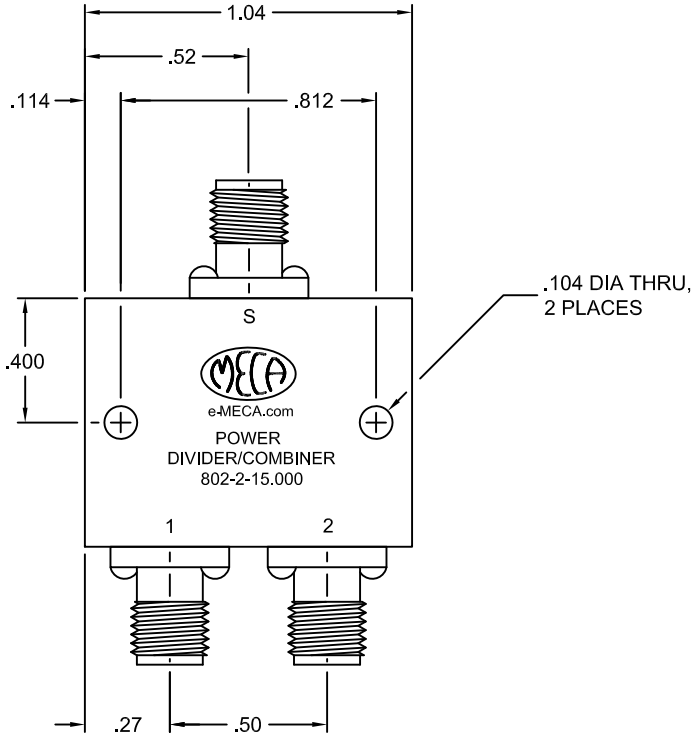
FREQUENCY RANGE (GHz):		12.000-18.000
IMPEDANCE (NOMINAL):		50 OHMS
* VSWR:	INPUT:	1.30:1 TYP/1.40:1 MAX
	OUTPUT:	1.25:1 TYP/1.35:1 MAX
INSERTION LOSS (dB):		0.5 TYP/0.6 MAX
AMPLITUDE BALANCE (MAX):		0.3 dB
ISOLATION (dB):		20 TYP/18 MIN
PHASE BALANCE (MAX):		6 DEGREES
RF POWER (TOTAL MAX):		20 WATTS INPUT WITH LOAD
* (AS DIVIDER ONLY)		VSWR 1.2:1 OR BETTER

* NOTE: SEE APPLICATION NOTE MAP-801
(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:	0.75 oz





LTR	PG	DESCRIPTION	DATE	DR	APP
C		SEE DCN #100901-1	09/02/10	DB	RR
B		SEE DCN #080718-1	07/18/08	NL	RR

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES

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

DRAWN: NL — DATE: 10/05/05

APPROVED: JS — DATE: 10/05/05

TIR: N/A

SCALE: NTS

SHEET: 1 OF 1

SIZE: A

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

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

CODE IDENT. NO.	DRAWING NO.	REV
22424	802-2-15.000	C