

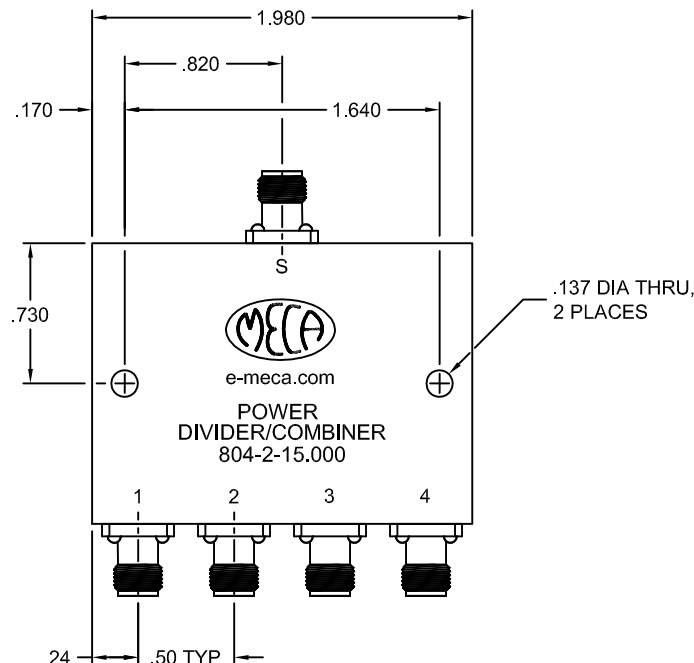
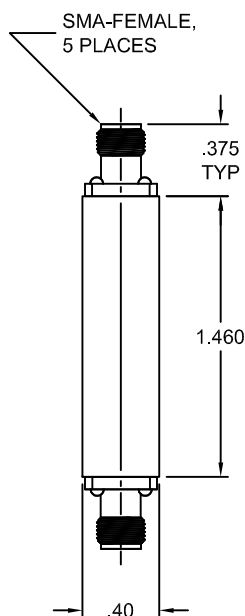
# ELECTRICAL SPECIFICATIONS


FREQUENCY RANGE (GHz):	12.000 - 18.000
IMPEDANCE (NOMINAL):	50 OHMS
VSWR: INPUT:	1.50:1 TYP/1.55:1 MAX
OUTPUT:	1.30:1 TYP/1.40:1 MAX
INSERTION LOSS (dB):	0.8 TYP/1.0 MAX
AMPLITUDE BALANCE (MAX):	0.4 dB
ISOLATION (dB):	20 TYP/18 MIN
PHASE BALANCE (MAX):	5 DEGREES
RF POWER (TOTAL MAX):	30 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:	2.2 oz.



C	SEE DCN # 080723-3	07/25/08	GQ	RR	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	 <b>ELECTRONICS, INC.</b> DENVER, NEW JERSEY e-meca.com	TITLE 4-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA CONNECTORS					
LTR	PG	DESCRIPTION	DATE	DR	APP	FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A	TIR: N/A	SCALE: NTS	SIZE	CODE IDENT. NO.	DRAWING NO.
						DRAWN: NL	DATE: 10/17/05			A	22424	804-2-15.000	C
						APPROVED: JS	DATE: 10/19/05		SHEET: 1 OF 1				