

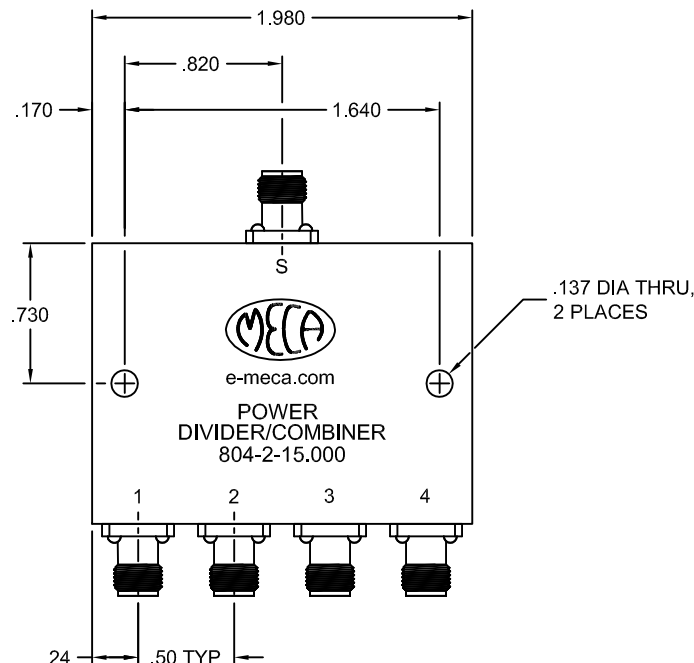
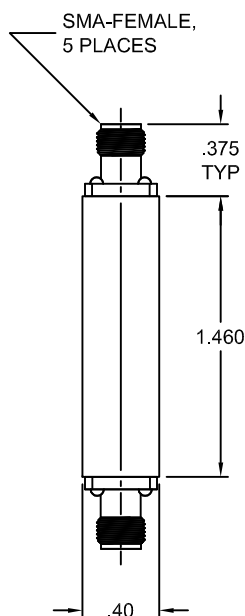
ELECTRICAL SPECIFICATIONS


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.



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