

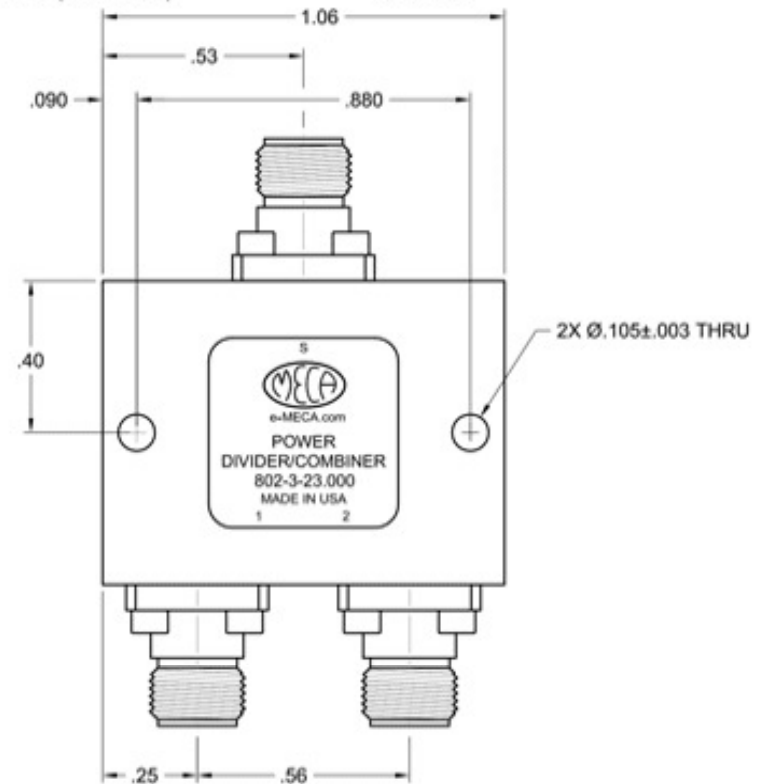
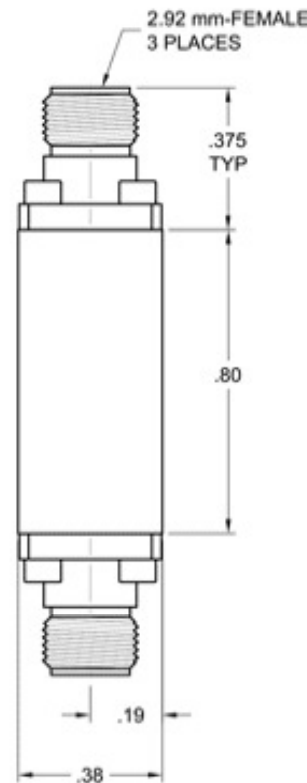
# ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	6.000-40.000
IMPEDANCE (NOMINAL):	50 Ohms
VSWR: INPUT:	1.30:1 TYP / 1:80:1 MAX
OUTPUT:	1.17:1 TYP / 1:80:1 MAX
INSERTION LOSS (dB):	1.80 MAX
AMPLITUDE BALANCE:	0.5 MAX
ISOLATION (dB):	22 TYP / 14.5 MIN
PHASE BALANCE:	8.0 DEGREES MAX
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](http://www.e-MECA.com))

# MECHANICAL SPECIFICATIONS

CONNECTORS:	2.92 mm-FEMALE, STAINLESS STEEL, PASSIVATE
CONNECTOR INTERFACE TORQUE:	8 ± 1.0 in.lbs.
CONNECTOR PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, RoHS COMPLIANT IRIDITE
BEAD:	KEL-F(PCTFE)
CAPTURE BEAD:	ULTEM 1000
OPERATING TEMP:	-55°C TO +85°C
WEIGHT (NOMINAL):	0.76 oz.



This document gives only a description of the product(s) and shall not form part of any contract. Please contact a MECA Applications Engineer for the most current specification drawing.

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			TITLE POWER DIVIDER/COMBINER, 2-WAY, IN-PHASE, 2.92 mm-FEMALE	
DRAWN:	DATE:	TIR: N/A		CAGE CODE NO. 22424	DRAWING NO. 802-3-23.000	
APPROVED:	DATE:	SCALE: NTS	SIZE A			
		SHEET: 1 OF 1				

LTR	PG	DESCRIPTION	DATE	DR	APP