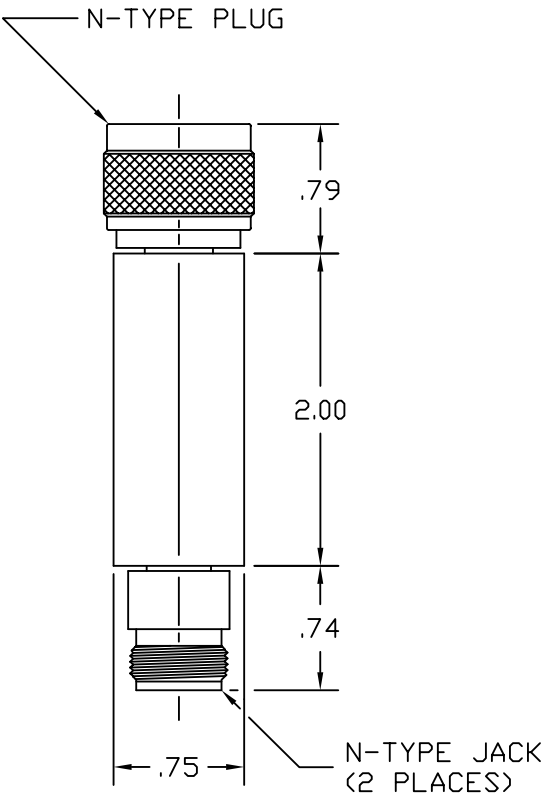


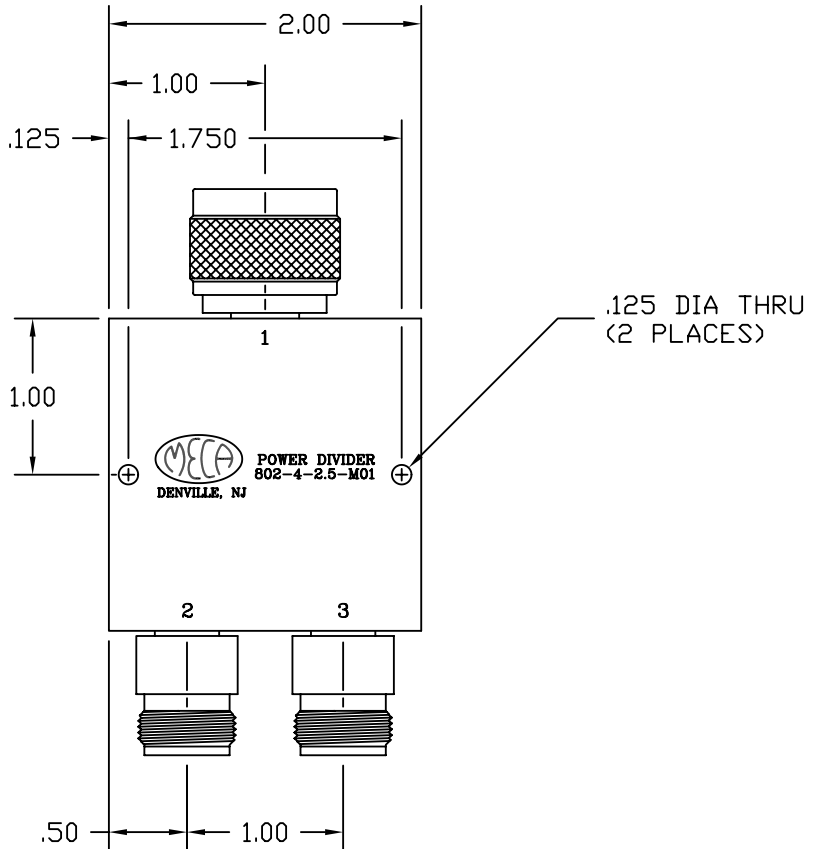
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 800-960 MHz  
IMPEDANCE (NOMINAL): 50 OHMS  
VSWR (MAX): 1.10 : 1  
INSERTION LOSS (MAX): 0.2 dB  
AMPLITUDE BALANCE (MAX): 0.1 dB  
PHASE BALANCE (MAX): 1 DEGREE  
ISOLATION (MIN): 30 dB  
RF POWER (MAX): 10 WATTS



MECHANICAL SPECIFICATIONS

\*CONNECTORS, INPUT: N-TYPE PLUG, BRASS, NICKEL PLATE  
OUTPUT: N-TYPE JACK, BRASS, NICKEL PLATE  
CONNECTOR PINS, INPUT: BRASS, GOLD PLATE  
OUTPUT: BERYLLIUM COPPER, GOLD PLATE  
HOUSING: ALUMINUM, YELLOW IRIDITE  
INSULATORS: TEFLON, VIRGIN ELECTRICAL GRADE  
TEMPERATURE: -55°C TO +70°C



\*CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A

|     |             |      |     |                        |                   |                                                                        |           |                                                                                                                                               |                           |
|-----|-------------|------|-----|------------------------|-------------------|------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| LTR | DESCRIPTION | DATE | APP | MATERIAL:<br>SEE ABOVE |                   | UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES                   |           |  ELECTRONICS, INC.<br>DENVILLE, NEW JERSEY<br>e-meca.com |                           |
|     |             |      |     | FINISH:<br>SEE ABOVE   |                   | TOLERANCES<br>2 PLACES : ± .02<br>3 PLACES : ± .010<br>ANGLES : ± ---- |           | TITLE<br><br>TWO-WAY POWER DIVIDER/COMBINER                                                                                                   |                           |
|     |             |      |     | DRAWN:<br>LB           | DATE:<br>03/10/99 | TIR:                                                                   |           |                                                                                                                                               |                           |
|     |             |      |     | APPROVED:<br>MJD       | DATE:<br>03/10/99 | SCALE: NTS                                                             | SIZE<br>A | CODE IDENT. NO.<br>22424                                                                                                                      | DWG. NO.<br>802-4-2.5-M01 |