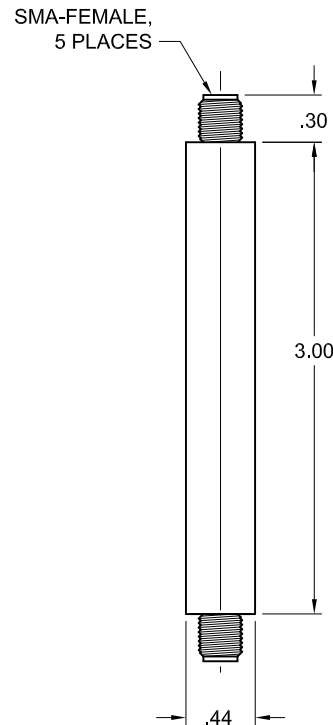


ELECTRICAL SPECIFICATIONS

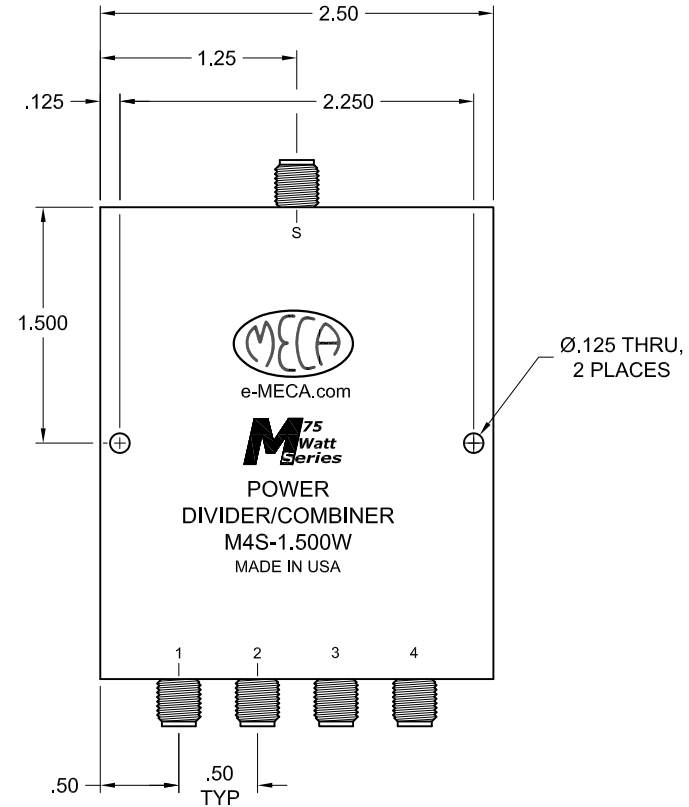
| | |
|--------------------------|--------------------------|
| FREQUENCY RANGE (GHz): | 0.800-2.200 |
| IMPEDANCE (NOMINAL): | 50 Ohms |
| VSWR: INPUT: | 1.25:1 TYP/1.35:1 MAX |
| OUTPUT: | 1.15:1 TYP/1.25:1 MAX |
| INSERTION LOSS (dB): | 0.4 TYP/0.6 MAX |
| AMPLITUDE BALANCE (MAX): | 0.2 dB |
| ISOLATION (dB): | 27 TYP/22 MIN |
| PHASE BALANCE (MAX): | 4 DEGREES |
| RF POWER (TOTAL MAX): | 75 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: | 3.73 oz |



| | | | | | | | | | | | | |
|-----|----|-------------------|----------|----|-----|-----------|----------|--|---|--|-----------------|-------------|
| F | PG | SEE DCN #110624-1 | 06/28/11 | NL | EB | MATERIAL: | | UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES |  ELECTRONICS, INC. DENVER, NEW JERSEY e-MECA.com | | | |
| | | | | | | SEE ABOVE | | | | TOLERANCES 2 PLACES: ±.02 3 PLACES: ±.010 ANGLES: N/A | | |
| LTR | PG | DESCRIPTION | DATE | DR | APP | DRAWN: | DATE: | TIR: N/A |  4-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA-FEMALE | | | |
| | | | | | | EMB | 06/05/02 | SCALE: NTS | | SIZE | CODE IDENT. NO. | DRAWING NO. |
| | | | | | | APPROVED: | DATE: | SHEET: 1 OF 1 | A | 22424 | M4S-1.500W | F |
| | | | | | | MJD | 06/05/02 | | | | | |