ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 2.000-18.000
IMPE DIANCE (NOMINAL): 50 OHMS
* VSWR: INPUT: 1.50:1
          OUTPUT: 1.50:1
INSERTION LOSS (dB): 1.0 MAX
AMPLITUDE BALANCE (MAX): 0.3 dB
ISOLATION (dB): 19 TYP/17 MIN
PHASE BALANCE (MAX): 5 DEGREES
RF POWER (TOTAL MAX): 30 WATTS INPUT WITH LOAD
* (AS DIVIDER ONLY) VSWR 1.2:1 OR BETTER

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: 1.2 oz.

* NOTE: SEE APPLICATION NOTE MAP-801
      (E-MECA.COM)

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ELECTRONICS, INC.
DENVILLE, NEW JERSEY
e-meca.com

TITLE
2-WAY, IN-PHASE (0 DEGREE), POWER
DIVIDER/COMBINER, SMA CONNECTORS

MATERIAL:
SEE ABOVE

UNLESS OTHERWISE
SPECIFIED, DIMENSIONS ARE
IN INCHES

FINISH:
SEE ABOVE

TOLERANCES
2 PLACES: ±.02
3 PLACES: ±.010
ANGLES: N/A

DRAWN: NL
DATE: 02/02/06
TIR: N/A

APPROVED: JL
DATE: 02/02/06
SCALE: NTS

A

CODE IDENT. NO. 22424
DRAWING NO. 802-2-10.000
REV A