**ELECTRICAL SPECIFICATIONS**

- **FREQUENCY RANGE (GHz):** 0.500 - 6.000
- **IMPEDANCE (NOMINAL):** 50 OHMS
- **VSWR INPUT:** 1.20:1 TYP/1.60:1 MAX
- **OUTPUT:** 1.25:1 TYP/1.70:1 MAX
- **INSERTION LOSS (dB):** 1.0 TYP/2.5 MAX
- **AMPLITUDE BALANCE (MAX):** 1.5 dB
- **ISOLATION (dB):** 25 TYP/15 MIN
- **PHASE BALANCE (MAX):** 15 DEGREES
- **RF POWER (TOTAL MAX):** 30 WATTS INPUT WITH LOAD
- **(AS DIVIDER ONLY)** VSWR 1.2:1 OR LESS

*NOTE: SEE APPLICATION NOTE MAP-801 (www.e-MECA.com)*

**MECHANICAL SPECIFICATIONS**

- **CONNECTORS:**
  - **CONNECTOR PINS:**
  - **CONNECTOR INTERFACE TORQUE:** 8 ± 1 IN-LBS
- **HOUSING:** BERYLLIUM COPPER, GOLD PLATE
- **INSULATORS:** ALUMINUM, RoHS COMPLIANT CHEMICAL FILM
- **TEMPERATURE:** PTFE
- **O-RINGS:** SILICONE RUBBER
- **INGRESS PROTECTION:** IP67
- **WEIGHT (NOMINAL):** 3.2 LBS

**EXPORT CONTROL CLASSIFICATION NUMBER (ECCN): EAR99**

**ELECTRONICS, INC.**
**DENVILLE, NEW JERSEY**
e-MECA.com

**TITLE**
POWER DIVIDER/COMBINER, 6-WAY, IN-PHASE (0 DEGREE), SMA-FEMALE, WEATHERPROOF

**DRAWING NO.** 806-2-3.250WWP
**REV** A

**CAGE CODE NO.** 22424

These specifications are proprietary to MECA Electronics Inc. and are issued in strict confidence and shall not be copied, reproduced, or used for manufacturing or sale without permission from MECA Electronics inc.