



## ELECTRICAL SPECIFICATIONS

|                           |              |
|---------------------------|--------------|
| FREQUENCY RANGE (GHz):    | 8.00 - 12.40 |
| ISOLATION (dB):           | 40 MIN       |
| INSERTION LOSS (dB):      | 1.00 MAX     |
| VSWR:                     | 1.25 MAX     |
| POWER: AVG (PORT 1 TO 2): | 25W          |
| REFLECTIVE POWER (TERM):  | 2W           |
| PEAK:                     | 500W         |

## MECHANICAL SPECIFICATIONS

|                        |  |
|------------------------|--|
| CONNECTORS:            | SMA-FEMALE, STAINLESS STEEL, PASSIVATE |
| CONTACT PINS:          | BERYLLIUM COPPER, GOLD PLATE           |
| OPERATING TEMPERATURE: | -30° to +85°C                          |
| WEIGHT (APPROX):       | 1.90 OUNCES                            |

|  |                                    |   |  |
|--|------------------------------------|---|--|
| DIMENSIONS IN INCHES,<br>UNLESS OTHERWISE<br>SPECIFIED |                                    | <b>Dilom</b><br>MICROWAVE INC. <small>Fresno, California, USA</small> |  |
| TOLERANCE<br>XX±0.03<br>XXX±0.010                      | TITLE<br>8.00 - 12.40 GHz Isolator |   |  |
| SCALE<br>4:1   | MODEL NO<br>D418012                | REV   |  |