



## ELECTRICAL SPECIFICATIONS

|                           |             |
|---------------------------|-------------|
| FREQUENCY RANGE (GHz):    | 3.70 - 4.20 |
| ISOLATION (dB):           | 23 MIN      |
| INSERTION LOSS (dB):      | 0.30 MAX    |
| VSWR:                     | 1.15 MAX    |
| POWER: AVG (PORT 1 TO 2): | 20W         |
| REFLECTIVE POWER (TERM):  | 2W          |
| PEAK:                     | 50W         |

## MECHANICAL SPECIFICATIONS

|                        |  |
|------------------------|--|
| CONNECTORS:            | SMA-FEMALE, STAINLESS STEEL, PASSIVATE |
| CONTACT PINS:          | BERYLLIUM COPPER, GOLD PLATE           |
| OPERATING TEMPERATURE: | -30° to +65°C                          |
| WEIGHT (APPROX):       | 1.40 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>3.70 - 4.20 GHz Isolator |   |  |
| SCALE<br>4:1   | MODEL NO<br>D313742               | REV   |  |