



### ELECTRICAL SPECIFICATIONS

|                             |                   |
|-----------------------------|-------------------|
| FREQUENCY RANGE (GHz):      | 8.000 - 20.000    |
| ISOLATION (dB):             | 15 MIN            |
| INSERTION LOSS (dB):        | 0.70 TYP 1.00 MAX |
| VSWR:                       | 1.45 MAX          |
| POWER:     AVG (ALL PORTS): | 5W                |
| PEAK:                       | 30W               |

### MECHANICAL SPECIFICATIONS

|                        |  |
|------------------------|--|
| CONNECTORS:            | SMA-FEMALE, STAINLESS STEEL, PASSIVATE |
| CONTACT PINS:          | BERYLLIUM COPPER, GOLD PLATE           |
| OPERATING TEMPERATURE: | -10° to +85°C                          |
| WEIGHT (APPROX):       | 0.90 OUNCES                            |

|  |                                       |   |  |
|--|---------------------------------------|---|--|
| DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED |                                       | <b>Dilom</b><br>MICROWAVE INC. <small>Fresno, California, USA</small> |  |
| TOLERANCE<br>XX±0.03<br>XXX±0.010                | TITLE<br>8.0 - 20.0GHz SMA Circulator |   |  |
| SCALE<br>6:1                                     | MODEL NO<br>D3C8020                   | REV   |  |