



## ELECTRICAL SPECIFICATIONS

|                           |            |
|---------------------------|------------|
| FREQUENCY RANGE (GHz):    | 7.0 - 18.0 |
| ISOLATION (dB):           | 15 MIN     |
| INSERTION LOSS (dB):      | 1.00 MAX   |
| VSWR:                     | 1.50 TYP   |
| POWER: AVG (PORT 1 TO 2): | 10W        |
| REFLECTIVE POWER (TERM):  | 2W         |
| PEAK:                     | 30W        |

## MECHANICAL SPECIFICATIONS

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

|  |   |  |     |
|--|---|--|-----|
| DIMENSIONS IN INCHES,<br>UNLESS OTHERWISE<br>SPECIFIED |   | <div><br/>Fresno, California, USA</div> |     |
| TOLERANCE<br>XX±0.03<br>XXX±0.010                      | TITLE<br><br>7.0 - 18.0GHz SMA Isolator |  |     |
| SCALE<br><br>6:1                                       | MODEL NO<br><br>D3I7018-2               |  | REV |