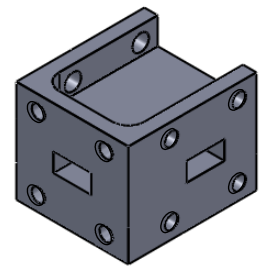
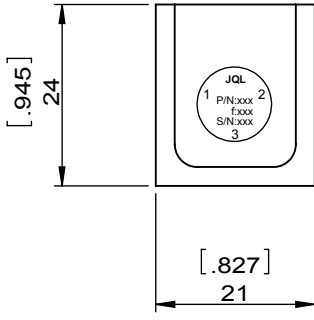
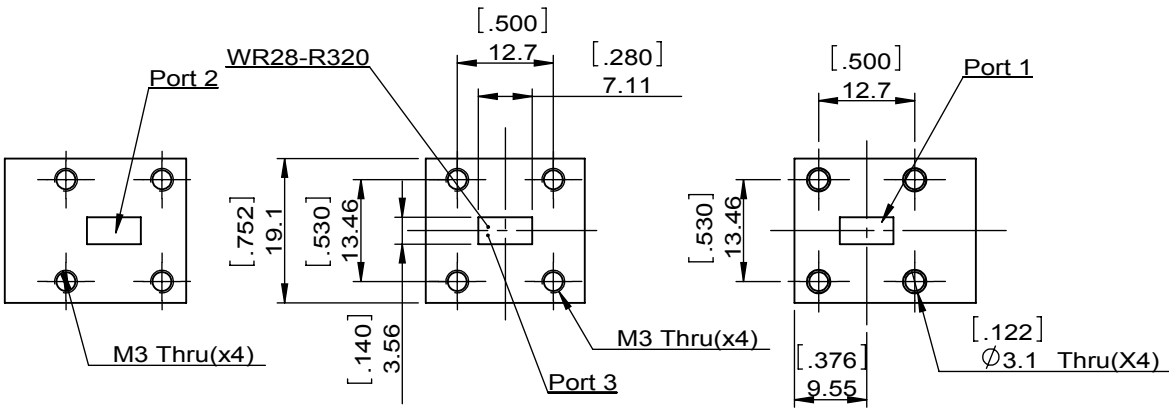


|                            |  |   |  |   |  |   |  |      |  |                |  |
|----------------------------|--|---|--|---|--|---|--|------|--|----------------|--|
| 1                          |  | 2 |  | 3 |  | 4 |  | 5    |  | 6              |  |
| Document No. QR4-700-T-003 |  |   |  |   |  |   |  | REV. |  | DESCRIPTION    |  |
| REV. A/0                   |  |   |  |   |  |   |  | 0    |  | 08.07.2015     |  |
|                            |  |   |  |   |  |   |  |      |  | APPROVED David |  |



| SPECIFICATIONS                  |                      |
|---------------------------------|----------------------|
| Part's Number                   | JCWR28-21A-31K5T32K0 |
| Frequency(GHz)                  | 31.50~32.00          |
| Direction                       | CW                   |
| Insertion Loss(dB)MAX           | 0.3                  |
| Isolation(dB)MIN                | 22.0                 |
| Return Loss(dB)MIN              | 20.0                 |
| 3rd IMD(dBc)MAX                 |                      |
| Power FWD/REV/PK(Watt)          | 5/5/                 |
| Operating Temperature(°C)       | -40~+80              |
| Storage Temperature(°C)         |                      |
| 2nd/3rd Harmonic(dBc)           | -                    |
| Termination/Attenuator(Watt/dB) |                      |
| Tab(W×LG×THK)(mm[Inch])         |                      |
| Additional Notes                | -                    |

|   |  |  |   |                |
|---|--|--|---|----------------|
| <b>JQL Electronic Inc</b>                       |  |  |   |                |
| <b>MATERIAL:</b><br>ALUM                        |  | <b>DWG NO:</b><br>JCWR28-21A-31K5T32K0 |   |                |
| <b>SURFACE TREATMENT:</b><br>CHEM FILM          |  | DWG BY:                                | ZC.Wu                                       | 08.07.2015     |
| <b>DESCRIPTION:</b><br>WAVE GUIDE<br>CIRCULATOR |  | CHK'D BY:                              |   | SCALE          |
|   |  | APPV'D BY:                             |   | 1:1            |
|   |  | Unit:<br>mm[inch]                      | Tolerance:<br>Liner: ±0.25<br>Anguar: ±0.5° | The First:<br> |
|   |  |  |   | A4             |



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