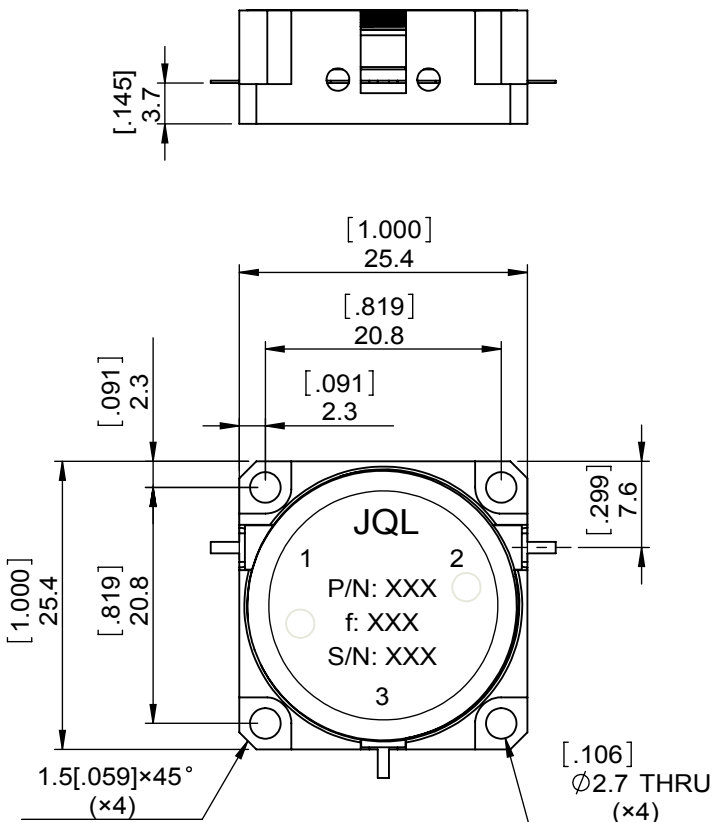
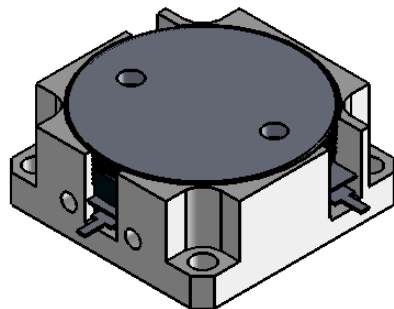


|              |               |      |     |      |             |          |            |          |  |   |  |
|--------------|---------------|------|-----|------|-------------|----------|------------|----------|--|---|--|
| 1            |               | 2    |     | 3    |             | 4        |            | 5        |  | 6 |  |
| Document No. | QR4-700-T-003 | REV. | A/0 | REV. | DESCRIPTION | REVISOR  | DATE       | APPROVED |  |   |  |
|              |               |      |     | 0    |             | LJ.Zhang | 04.06.2014 | David    |  |   |  |



| SPECIFICATIONS                  |                                 |
|---------------------------------|---------------------------------|
| Part's Number                   | JCD1011T1119M30                 |
| Frequency(GHz)                  | 1.011~1.119                     |
| Direction                       | CW                              |
| Insertion Loss(dB)MAX           | 0.5                             |
| Isolation(dB)MIN                | 20.0                            |
| Return Loss(dB)MIN              | 19.0                            |
| 3rd IMD(dBc)MAX                 |                                 |
| Power FWD/REV/PK(Watt)          | 300/300/1000                    |
| Operating Temperature(°C)       | -54~+95                         |
| Storage Temperature(°C)         | -55~+95                         |
| 2nd/3rd Harmonic(dBc)           | -                               |
| Termination/Attenuator(Watt/dB) | -                               |
| Tab(W×LG×THK)(mm[Inch])         | 1.0[.0394]×2.5[.098]×0.2[.008]- |
| Additional Notes                | -                               |

**NOTES:**

- STANDARD INPUT/OUTPUT 50OHM IMPEDANCE
- BE0 FREE, LEAD FREE, NO Nd MATERIAL
- RoHS COMPLIANT
- S-PARAMETERS TO BE MEASURED BY CONNECTING PORT 1 AND PORT 2 TO VNA, PORT 3 TO LOAD
- LOAD RETURN LOSS IS 30dB OR HIGHER WHEN TUNING



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|   |  |   |   |  |       |
|---|--|---|---|--|-------|
| <b>JQL JQL Electronic Inc</b>               |  | 500 Lake Cook Road, Suite 350<br>Deerfield, IL 60015, USA |   | Tel: 1(888)236-9828<br>Fax: 1(888)823-2902 |       |
| <b>MATERIAL:</b><br>STEEL                   |  | <b>DWG NO:</b><br>JCD1011T1119M30                         |   |  |       |
| <b>SURFACE TREATMENT:</b><br>NICKEL PLATING |  | DWG BY:   | LJ.Zhang                                    | 02.27.2014                                 | SACLE |
| <b>DESCRIPTION:</b><br>DROP-IN CIRCULATOR   |  | CHK'D BY:   |   |  |       |
|   |  | APPV'D BY:  |   |  | 3:2   |
|   |  | Unit:<br>mm[inch]   | Tolerance:<br>Liner: ±0.25<br>Anguar: ±0.5° | The First:                                 | A4    |