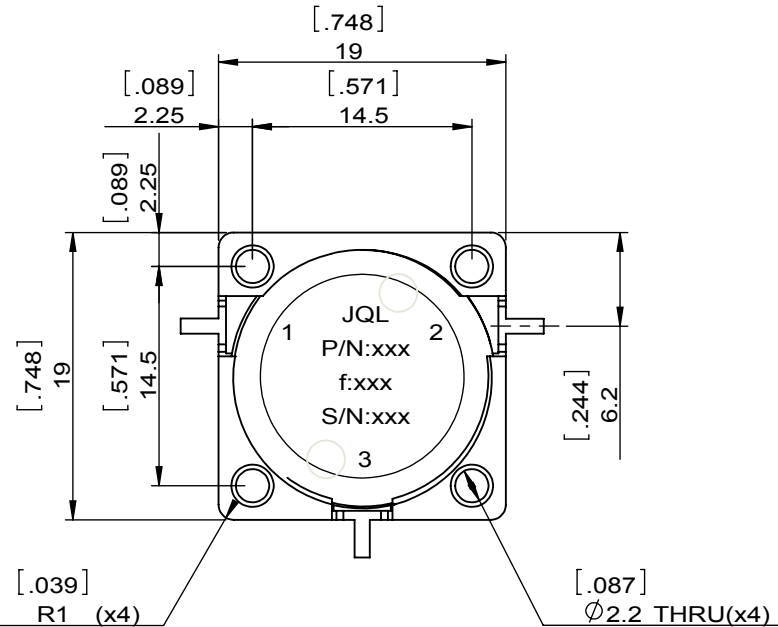
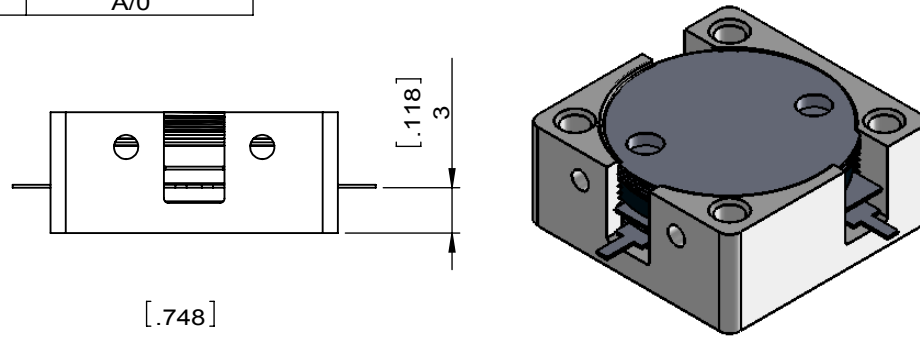


|              |               |      |     |       |             |         |      |          |  |   |  |
|--------------|---------------|------|-----|-------|-------------|---------|------|----------|--|---|--|
| 1            |               | 2    |     | 3     |             | 4       |      | 5        |  | 6 |  |
| Document No. | QR4-700-T-003 | REV. | A/0 | REV.  | DESCRIPTION | REVISOR | DATE | APPROVED |  |   |  |
|              |               | 0    |     | ZC.Wu | 04.02.2015  | David   |      |          |  |   |  |



| SPECIFICATIONS                  |                               |
|---------------------------------|-------------------------------|
| Part's Number                   | JCD1800T1920SM20              |
| Frequency(GHz)                  | 1.800~1.920                   |
| Direction                       | CW                            |
| Insertion Loss(dB)MAX           | 0.3                           |
| Isolation(dB)MIN                | 20.0                          |
| Return Loss(dB)MIN              | 20.0                          |
| 3rd IMD(dBc)MAX                 | -                             |
| Power FWD/REV/PK(Watt)          | 200/200/-                     |
| Operating Temperature(°C)       | -20~+80                       |
| Storage Temperature(°C)         | -                             |
| 2nd/3rd Harmonic(dBc)           | -                             |
| Termination/Attenuator(Watt/dB) |                               |
| Tab(W×LG×THK)(mm[Inch])         | 1.0[.039]x2.5[.098]x0.2[.008] |
| Additional Notes                | -                             |

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



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|                                    |   |                          |            |
|------------------------------------|---|--------------------------|------------|
| <b>JQL</b> JQL Electronic Inc      |   | DWG NO: JCD1800T1920SM20 |            |
| MATERIAL:<br>STEEL                 | SURFACE TREATMENT:<br>NICKEL PLATING        | DWG BY:                  | ZC.Wu      |
| DESCRIPTION:<br>DROP-IN CIRCULATOR |   | CHK'D BY:                |            |
|                                    | APPV'D BY:                                  |                          | SCALE: 2:1 |
| Unit:<br>mm[inch]                  | Tolerance:<br>Liner: ±0.25<br>Anguar: ±0.5° | The First:               | A4         |