

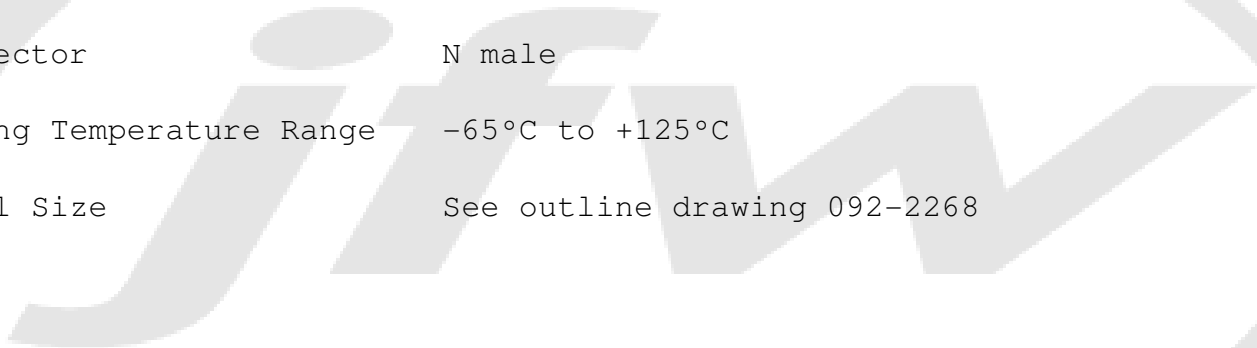
**SPECIFICATION SHEET**

**JFW MODEL 50T-199**

**TERMINATION**

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|                             |   |
|-----------------------------|---|
| Frequency Range             | DC-18 GHz                               |
| Impedance                   | 50 Ohms nominal                         |
| VSWR                        | 1.15:1 maximum DC-5 GHz                 |
|                             | 1.25:1 maximum 5-10 GHz                 |
|                             | 1.40:1 maximum 10-18 GHz                |
|                             | 1.09:1 typical @ 5 GHz                  |
|                             | 1.15:1 typical @ 10 GHz                 |
|                             | 1.27:1 typical @ 18 GHz                 |
| RF Input Power              | 2 Watts average @ +25°C                 |
|                             | Derated linearly to 1 Watt @ +125°C     |
| Peak Power                  | 2500 Watts                              |
|                             | (5 microsecond pulse, 0.05% duty cycle) |
| RF Connector                | N male                                  |
| Operating Temperature Range | -65°C to +125°C                         |
| Physical Size               | See outline drawing 092-2268            |



| ECR/ECN # | DATE       | REV | APPR / DATE   | ECR/ECN # | DATE       | REV | APPR / DATE    |
|-----------|------------|-----|---------------|-----------|------------|-----|----------------|
| 3006      | 05/29/2002 | B   |               | 12103     | 11/07/2005 | E   | SL 11/07/2005  |
| 4003      | 08/20/2002 | C   |               | 28600     | 03/23/2018 | F   | TRS 03/23/2018 |
| 9999      | 02/18/2003 | D   | SL 05/22/2003 | 28948     | 08/14/2018 | G   | TRS 08/14/2018 |