



4.1-9.5

## CHARACTERISTICS

| TEST / CHARACTERISTICS | VALUES / REMARKS |
|------------------------|------------------|
|------------------------|------------------|

### ELECTRICAL CHARACTERISTICS

|                                 |               |
|---------------------------------|---------------|
| Impedance                       | 50Ω           |
| Frequency Range                 | 0 - 6 GHz     |
| Typical VSWR                    | 1.02 + 0.02 F |
| Maximum Insertion Loss          | 0.05 √F (GHz) |
| Insulation Resistance           | 5000 MΩ min   |
| Voltage Rating                  | <=1400 Veff   |
| Dielectric Withstanding Voltage | <2500 Veff    |
| Contact Resistance              | < 1.5 mΩ      |
| Power                           | 1KW @ 1 GHz   |
| Intermodulation                 | -160 dBc      |

### MECHANICAL CHARACTERISTICS

|                      |            |
|----------------------|------------|
| Mechanical Endurance | 100 Cycles |
| Disengagement Force  | <12 N      |
| Mating Torque        | 1000 N.cm  |

### ENVIRONMENTAL CHARACTERISTICS

|                   |                    |
|-------------------|--------------------|
| Temperature Range | - 55 °C ~ + 155 °C |
| Sealing           | IP67               |

### MATERIALS

|                       |                           |
|-----------------------|---------------------------|
| Connector Bodies      | Brass                     |
| Male Center Contact   | Brass                     |
| Female Center Contact | Beryllium Copper / Bronze |
| Other Metallic Parts  | Brass                     |
| Insulators            | PTFE                      |

### PLATING

|                |        |
|----------------|--------|
| Bodies         | BBR2   |
| Outer Contact  | BBR2   |
| Center Contact | Silver |