

### DC - 18 GHz 5 Watt Performance

- Precision TNC Performance
- 5 Watt Average - 5 Kw Peak Power
- Low VSWR - 50 Ohm - High Performance.
- Rugged Stainless Steel Interface Construction

Midwest Microwave's TNC type series of coaxial medium power Terminations provide temperature stable, precision performance in light weight reasonably sized packages using stainless steel connectors and black anodized finned aluminum housings. The units are designed to optimize performance and reliability with low VSWR performance and are suitable for use in military or commercial systems with MIL-E-5400 and MIL-E-16400 requirements.

### 5 Watts - DC - 18 GHz

#### SPECIFICATIONS

**Impedance:** 50 Ohms

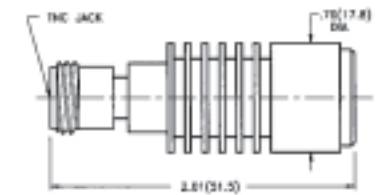
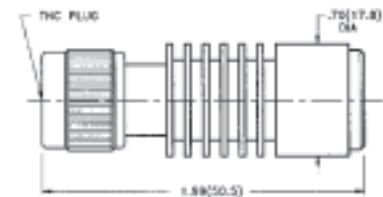
**Frequency:** DC - 18.0 GHz

**VSWR:** 1.30 max.

**Power:** 5 Watts average @ +40 °C derated linearly to 1.0 Watts @ +125 °C

**Peak Power:** 5 Kilowatt (5 microsecond pulse width)

**Operating Temperature Range:** -54 °C to +125 °C



DC - 18.0 GHz	2142 Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2142-M0-TNC-07	TRM-2142-MC-TNC-07	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2142-F0-TNC-07	TRM-2142-FC-TNC-07	

### 5 Watts - DC - 4 GHz Performance

#### SPECIFICATIONS

**Impedance:** 50 Ohms

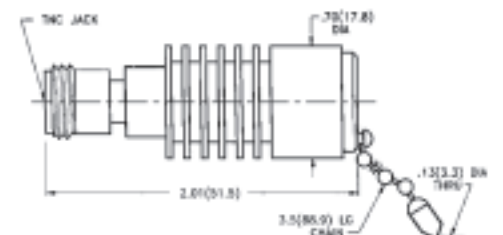
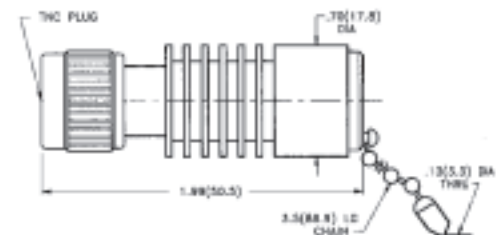
**Frequency:** DC - 4.0 GHz

**VSWR:** 1.20 max.

**Power:** 5 Watts average @ +40 °C derated linearly to 1.0 Watts @ +125 °C

**Peak Power:** 5 Kilowatt (5 microsecond pulse width)

**Operating Temperature Range:** -54 °C to +125 °C



DC - 4.0 GHz	2140 Series	Model Numbers
TNC Male Plug	TNC Male Plug with Chain	
TRM-2140-M0-TNC-07	TRM-2140-MC-TNC-07	
TNC Female Jack	TNC Female Jack with Chain	
TRM-2140-F0-TNC-07	TRM-2140-FC-TNC-07	

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