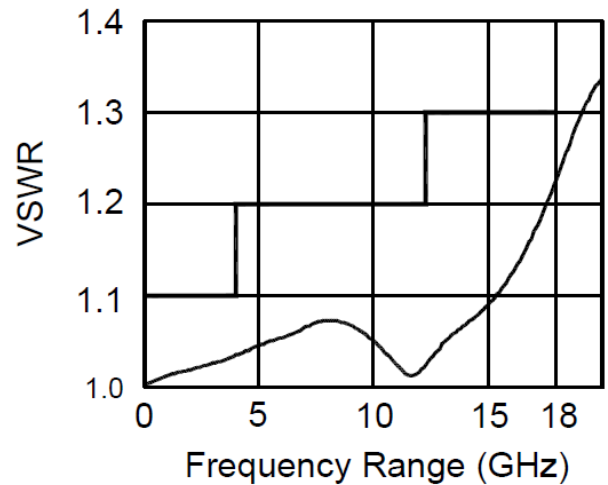
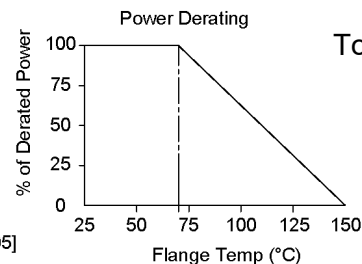
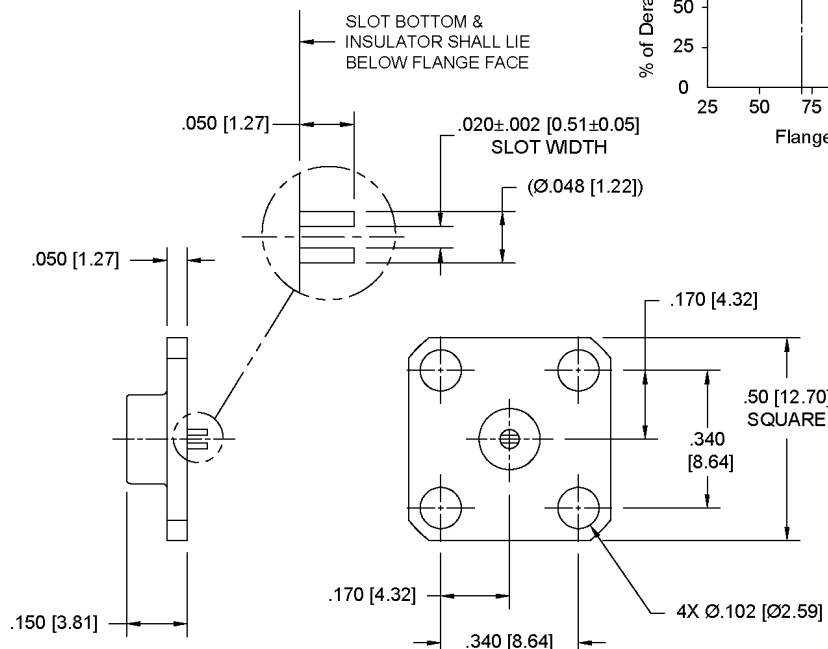


**Model: PFT500-10W**
**Technical Specifications**

Parameter	Value
<b>Electrical</b>	
Frequency Range	DC – 18 GHz
Impedance	50 $\pm$ 5% Ohms
Power Handling*	10 Watts Average <i>Derated linearity to 0 watt @ +150°C</i>
VSWR	DC – 4 GHz 1.10:1 max. 4 – 12.4 GHz 1.20:1 max. 12.4 – 18 GHz 1.30:1 max.
Operating Temp. Range	-55°C to +150°C
<b>Mechanical</b>	
Insulator	Teflon
Resistor	Proprietary Thin Film
Conductor	Gold Plated Brass
Flange	Nickel Plated Brass

**Typical Performance**

**Model Number: PFT500-10W**

 Tolerance: .XXX =  $\pm$ .010

\*\*Dimensions in brackets are expressed in millimeters and are for reference only.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.