

ORDERING INFORMATION**PART IDENTIFIER: 31-2035-XXX-5****SPECIFICATIONS****1. ELECTRICAL:**

DC Resistance:	50-100 Ω tolerance +/-5%
Average Power:	1500 Watts
Break down voltage:	10 kV.
Temperature Coefficient:	\pm 200 ppm/ $^{\circ}$ C Max

2. ENVIRONMENTAL:

Operating Temperature:	-55 $^{\circ}$ C to +150 $^{\circ}$ C
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3. MARKING:

SINT AND PART NUMBER

4. QUALITY ASSURANCE:

Sample inspect per ANSI/ASQC Z1.4 general inspection, level II, AQL = 1.0.

Visual and mechanical examination for conformance to outline dwg requirements.

Perform inspection in accordance with 824W170 and 824F036 for commercial grade product.

Test data requirements:

No test data required for customer.

Data retention – 24 months.

5. PACKAGING:

Standard Packaging: Tray packaging

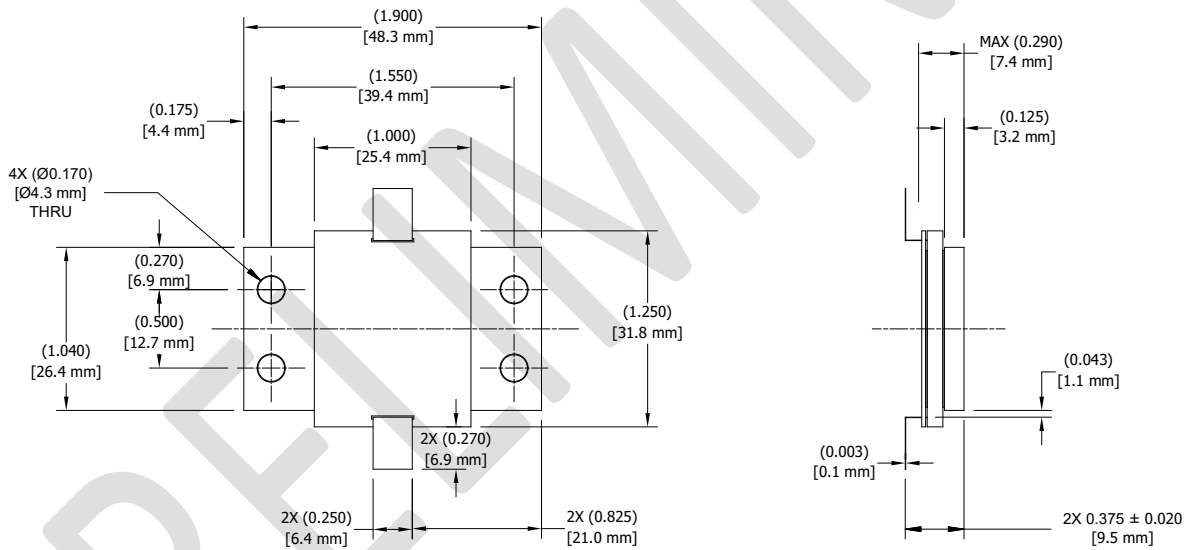
6. MECHANICAL:

MATERIALS

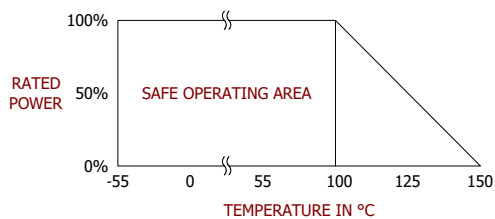
Flange:	Copper per ASTM B301
Substrate:	AlN
Cover:	Alumina Oxide
Tab:	Beryllium Copper per ASTM B194
Resistive Film:	Thin Film

FINISH

Flange:	Nickel per QQ-N-290
Tab:	Tin/Lead per MIL-T-10727



Unless otherwise specified, tolerances are ± 0.010" [0.254mm]



Power handling derating

PRELIMINARY