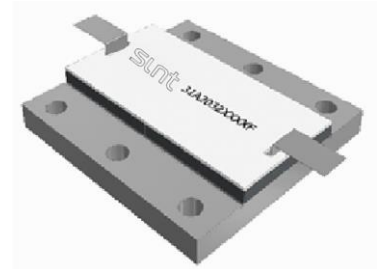


ORDERING INFORMATION

PART IDENTIFIER: 31A2032XXXXF



SPECIFICATIONS

1. ELECTRICAL:

Frequency Range:	DC – 250 MHz
Resistance Range:	25 – 200 Ω
Resistance Tolerance:	$\pm 5\%$
Typical Capacitance:	1.5 pF
Input Power CW:	2 Kilowatts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	20 Kilowatts (based on 10 μ s pulse width and 1% duty cycle)

2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C
Temperature Coefficient:	± 200 PPM / °C max

3. MARKING:

Unit Marking:	Logo and Part Number; legibility and permanency per MIL-STD-130
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4. QUALITY ASSURANCE:

Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

5. PACKAGING:

Standard Packaging:	Tray
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6. MECHANICAL:

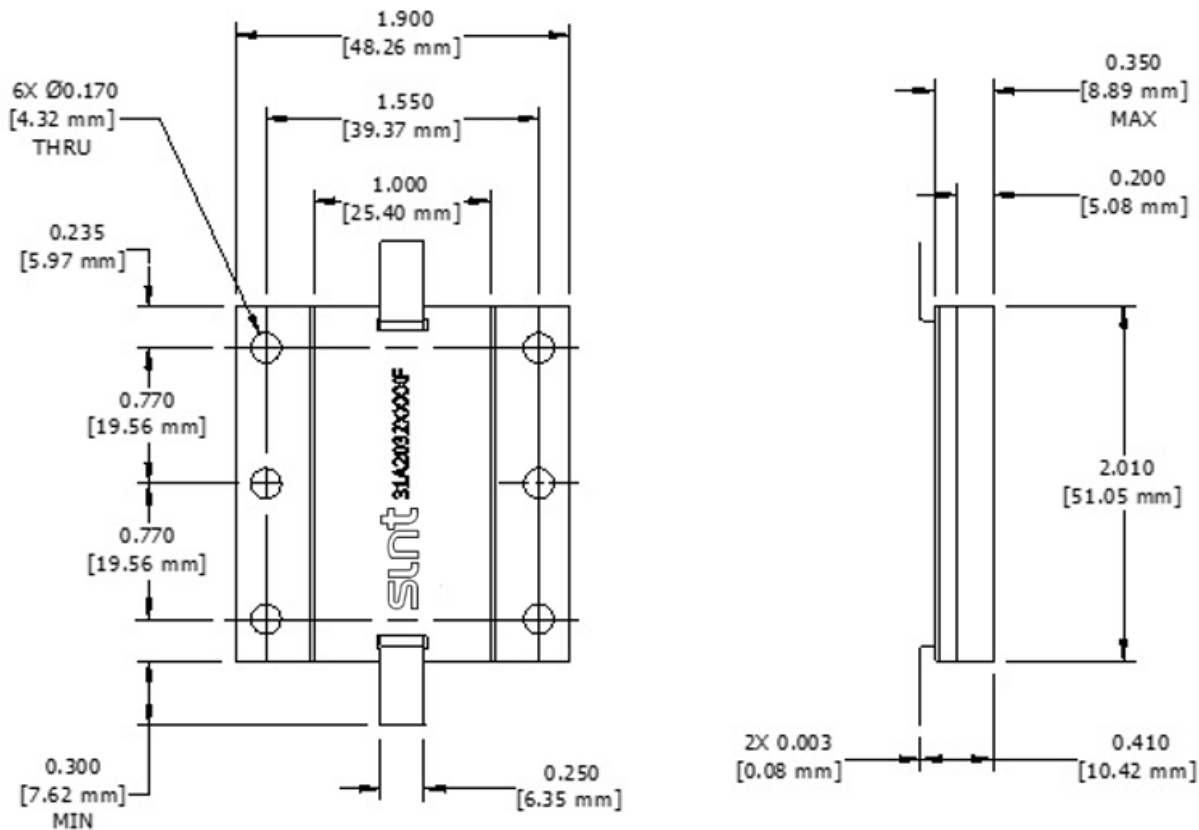
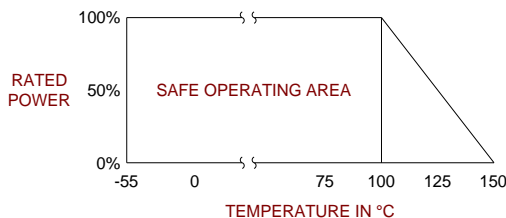
Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver
Flange Material:	20 Kilowatts (based on 10 μ s pulse width and 1% duty cycle)
Flange Finish:	Nickel
Metric Dimensions:	Provided for reference only

RESISTOR FLANGE MOUNT 2 KILOWATT

DATASHEET PART SERIES: 31A2032XXXXF

Sheet 2 of 2
Doc# 1014565

ECO-083322
Revision A



Unless Otherwise Specified: TOLERANCE X.XX = ± 0.02 X.XXX = ± 0.010