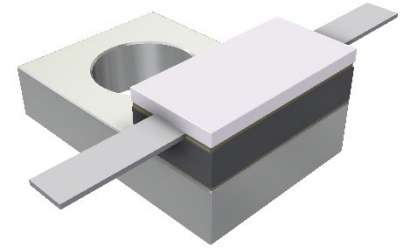




ORDERING INFORMATION

PART IDENTIFIER: 31A1006XXXF



SPECIFICATIONS

1. ELECTRICAL:

Resistance Range:	2 - 480 Ω
Resistance Tolerance:	±5% standard 1% and 2% available
Typical Capacitance:	0.8 pF 50 and 100 Ω only
Input Power CW:	10 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	100 watts (based on 10µs 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 Resistance Value; legibility and permanency per MIL-STD-130

4. QUALITY ASSURANCE:

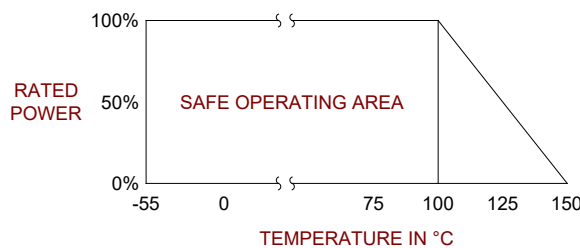
Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

5. PACKAGING:

Standard Packaging Tray

6. MECHANICAL:

Substrate Material:	Beryllium Oxide
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver Plated
Flange Material:	Copper
Flange Finish:	Nickel
Metric Dimensions:	Provided for reference only





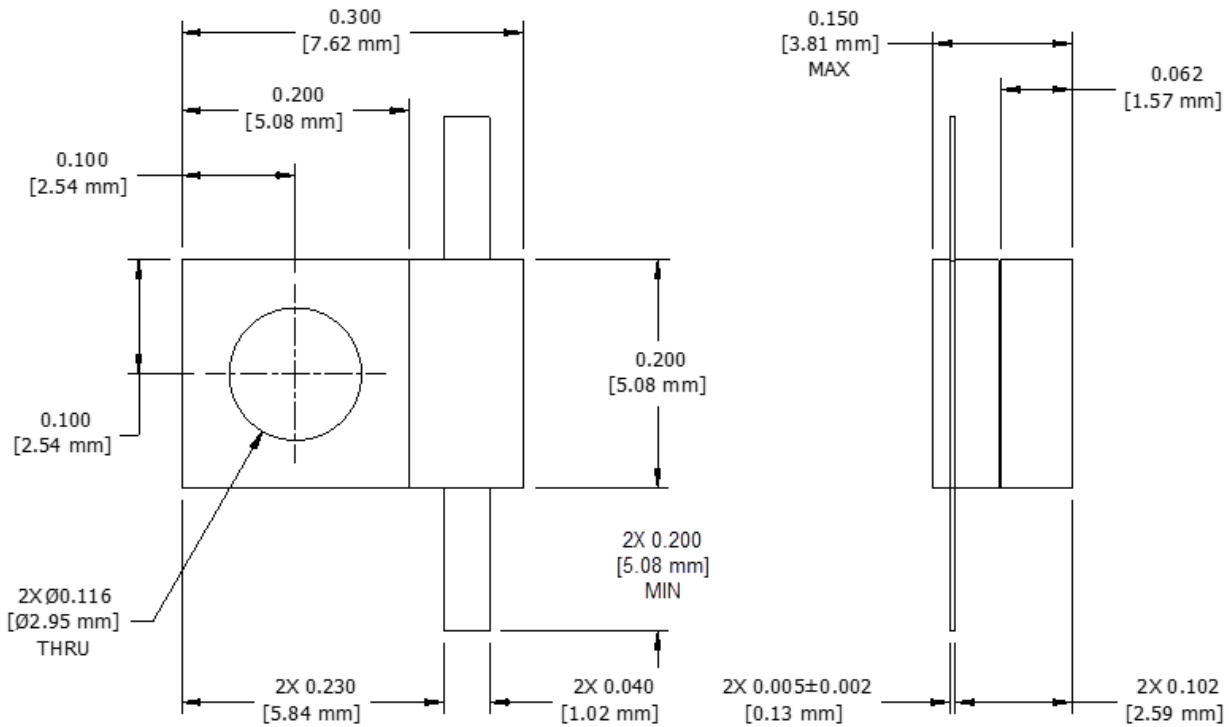
RESISTOR FLANGE MOUNT 10 WATT

DATASHEET

PART SERIES: 31A1006XXXF

Sheet 2 of 2
Doc# 31A1006F

ECO-079334
Revision C



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