RESISTOR TAB & COVER 10 WATT

DATA SHEET

PART SERIES: 81-3001TC- X-X

FEATURES

Wide Band Response High Power Low Capacitance Easy Installation Excellent Heat Transfer Wide Resistance Range

GENERAL DESCRIPTION

EMC Technology offers the widest selection of flangeless resistors worldwide. Tab and cover components offer the highest performance of any style of resistor component.

ORDERING INFORMATION

Part Identifier:

81-3001TC-X-X

SPECIFICATIONS

1.0 ELECTRICAL

Resistance Range:	2 - 480 OHMS
Resistance Tolerance:	±5% standard 1% and 2% available
Input Power CW:	10 watts @ 100° C heat sink, derated linearly to zero power at 150° C
Peak Power:	100 watts (based on 10us pulse width and 1% duty cycle)

2.0 ENVIRONMENTAL

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

3.0 MARKING

Unit Marking:

Resistance Value

Tray

4.0 QUALITY ASSURANCE

Visual and Mechanical Inspection:Per 824W107DC Resistance Check:100% DC Resistance CheckData Retention:Standard

5.0 PACKAGING

Standard Packaging:

APPLICATIONS

Broadcast High Power Filters High Power Amplifiers Isolators Military Instrumentation



Dwg 81-3001TC



EN 13-3531

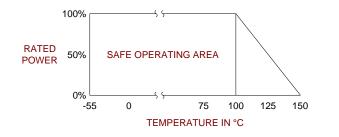
RESISTOR TAB & COVER 10 WATT

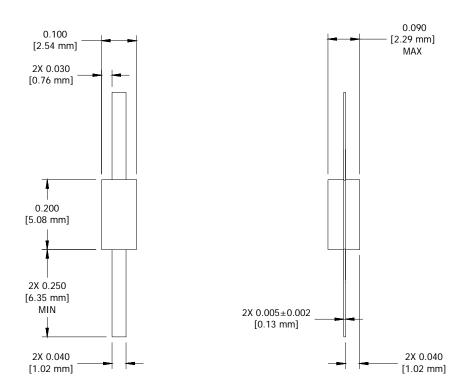
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6.0 MECHANICAL

Substrate Material: Resistive Film: Cover Material: Tab Material: Tab Finish: Metric Dimensions: Beryllium Oxide Thin Film Alumina Beryllium Copper Tin/Lead Provided for reference only





Unless Otherwise Specified: TOLERANCE: $X.XX = \pm 0.02$ $X.XXX = \pm 0.010$

Form 423F105 Rev-

Cage Codes: 24602 / 2Y194 Specifications are Subject to Change Without Notice



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