TERMINATION FLANGE MOUNT 120 WATT





DATA SHEET PART SERIES: 32-1162 SHEET 1 OF 2 Dwg 32-1162

EN 13-3519

FEATURES APPLICATIONS

Mobile Networks Tab Launch High Power Broadcast

Integrated Heat Sink **High Power Amplifiers**

Low VSWR Isolators Military Easy Installation

Instrumentation

GENERAL DESCRIPTION

EMC Technology offers the widest selection of flange mount terminations worldwide. High power flange components offer excellent performance and the convenience of bolt on installation.



ORDERING INFORMATION

Part Identifier: 32-1162

SPECIFICATIONS

1.0 ELECTRICAL Nominal Impedance: 50 ohms

Frequency Range: DC - 2.0 GHz VSWR: 1.10:1 Max

Input Power CW: 120 Watts @ 100°C heat sink, derated linearly to zero power and 150°C

Peak Power: 1200 Watts (based on 10us pulse width and 1% duty cycle)

DC Resistance: 50 Ω ±5%

2.0 ENVIRONMENTAL

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

3.0 MARKING

Unit Marking: Logo and Part Number, legibility and permanency per MIL-STD-130

4.0 QUALITY ASSURANCE

Visual and Mechanical Inspection: Per 824W107

100% DC Resistance Check DC Resistance Check:

Data Retention: Standard

5.0 PACKAGING

Standard Packaging: Tray Packaging

smiths microwave Form 423F101

Rev-

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

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SHEET 2 OF 2 Dwg 32-1162

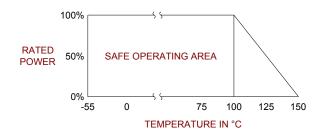
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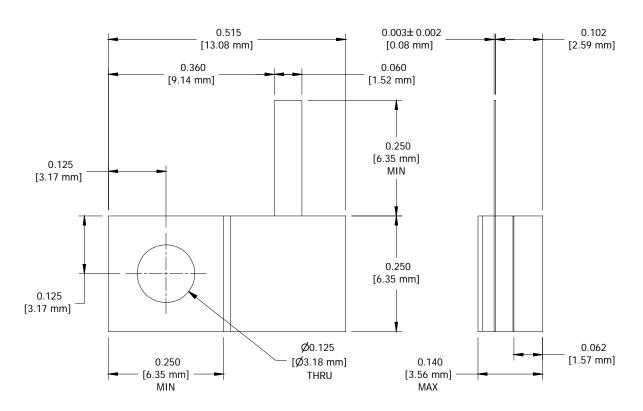
6.0 MECHANICAL

Substrate Material: Beryllium Oxide Resistive Film: Thin Film Cover Material: Alumina Oxide Tab Material: Beryllium Copper

Tab Finish: Tin Lead Flange Material: Copper Flange Finish Nickel

Metric Dimensions: Provided for reference only





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

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Rev-

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