

**RESISTOR CHIP OUTRIGGER 4WATTS**

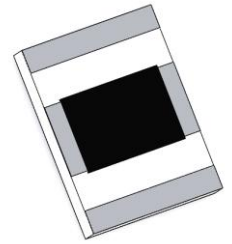
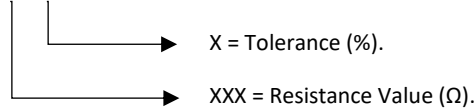
DATASHEET PART SERIES: CRH1216XXXXF

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ECO-139772  
Revision B

**ORDERING INFORMATION**

**PART IDENTIFIER: CRH1216XXXXF**



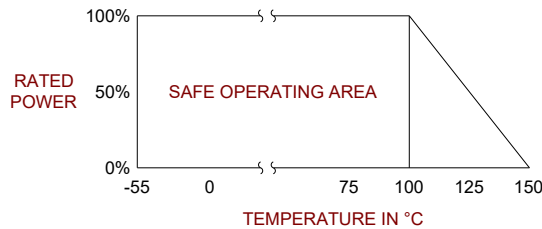
**ASSEMBLY DWG:** 1102514

**SPECIFICATIONS**

**1.0 ELECTRICAL**

Frequency Range: DC –20 GHz.  
 Resistance Range: 50 & 100 Ω. (For other values, consult with Engineering)  
 Resistance Tolerance: ± 2% or ± 5%.  
 Temperature Coefficient of Resistance: ± 200 PPM/ °C Max.  
 4 Watts.

Input Power CW:



Peak Power: 40 Watts, 10 μs pulse width, 1% duty cycle.

**2.0 ENVIRONMENTAL**

Operating Temperature: -55°C to +150°C.  
 Non-operating Temperature: -65°C to +150°C.

**3.0 MARKING**

Unit Marking: Dot Marking, OHMS Value.

**4.0 QUALITY ASSURANCE**

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

**5.0 PACKAGING**

Standard Packaging: Tape and Reel.

**6.0 MECHANICAL**

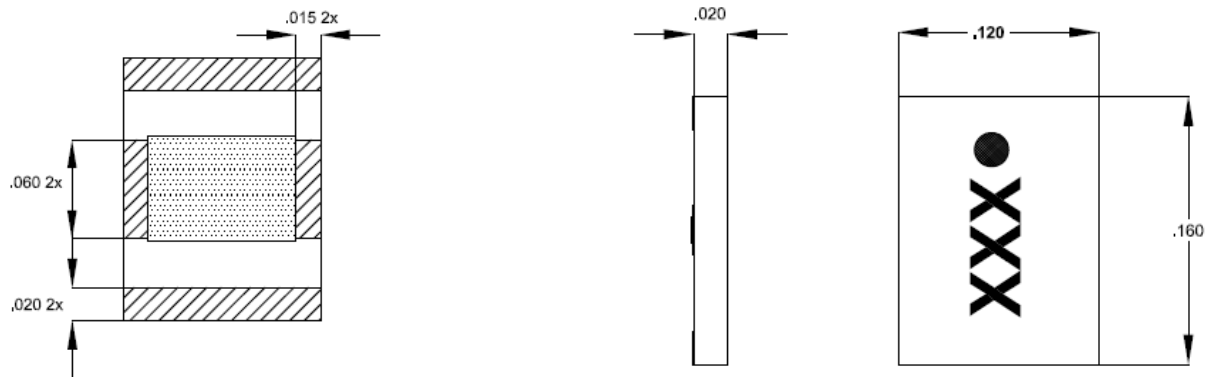
Substrate Material: Alumina.  
 Resistive Film: Thick Film.  
 Terminal Material: Thick Film, Silver/ Nickel Plating.  
 Metric Dimensions: Provided for reference only.

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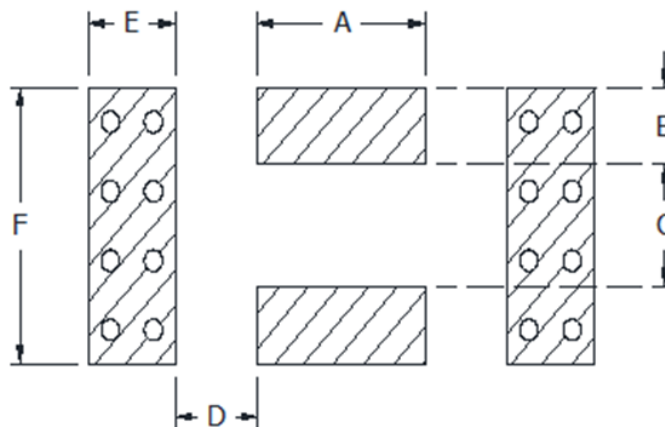
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Note: Specifications are subject to change.

Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.002.

7.0 SUGGESTED MOUNTING FOOTPRINT



Part Number	Inches						mm					
	A	B	C	D	E	F	A	B	C	D	E	F
CRH1216XXX5F	0.065	0.017	0.090	0.030	0.025	0.125	1.651	0.43	2.29	0.76	0.64	3.18