

HRRACV High-Reliability Thick Film Chip Resistor Array



Features

- Concave terminal style
- Four isolated resistors
- 10 Ω to 1 MΩ and zero jumper
- Resistance tolerance: 1% and 5%
- Available with Sn, Sn/Pb, Au terminals
- MIL-PRF-55342 and Space Level screening available

Applications

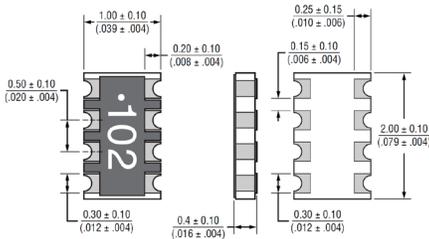
- Medical
- Aerospace
- Avionics
- Military

Electrical Characteristics

Part Number	HRRACV1206-XXXJxx	Maximum Overload Voltage	50V
Number of Resistors/Elements	4	Maximum Working Voltage	25V
Power Rating @ 70 °C per Resistor	63mW	Operating Temperature Range	-55 °C to +125 °C
Resistance Tolerance	5%	Rating Temperature	+70 °C
Resistor Range and & TCR Plus zero-ohm jumper	5 %, 10 Ω ~ 1 MΩ, 300 ppm/°C	Zero Ohm Jumper Current Rating / Max. Resistance (per resistor/element)	1 A / 2.5 A / 50 mΩ max.

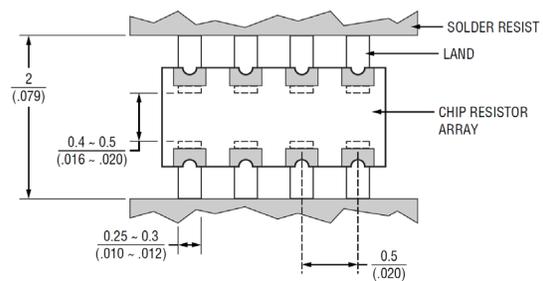
Product Dimensions

mm
(inches)

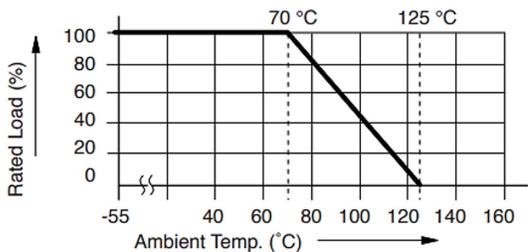


Recommended Pad Layout

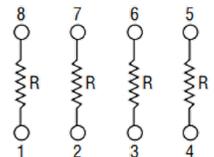
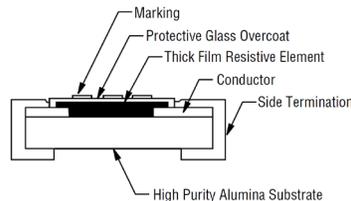
mm
(inches)



Derating Curve



Construction and Isolated Circuit

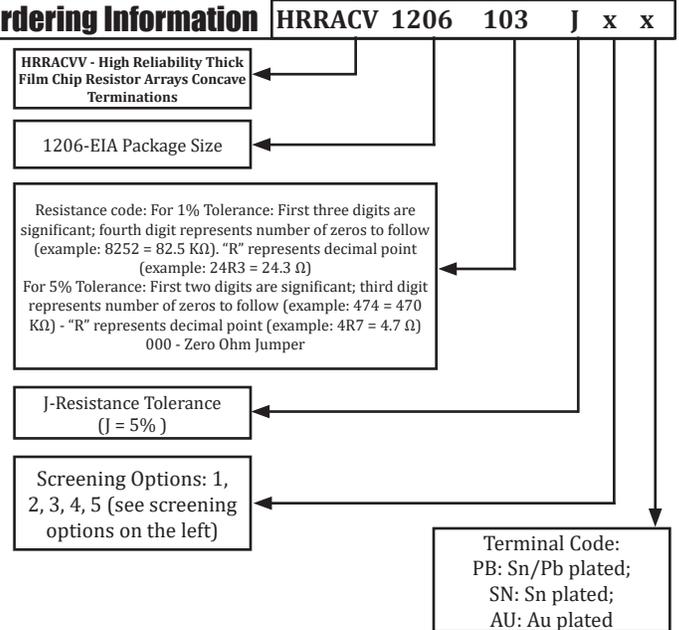


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Standard Screening Options

- Option 1: 100% visual inspection per MIL-PRF-55342, AS9102 FAIR, MIL-STD-1580 DPA.
- Option 2: Group A and B Screening per MIL-PRF-55342, AS9102 FAIR, MIL-STD-1580 DPA
- Option 3: Group A, B, and C Screening per MIL-PRF-55342, AS9102 FAIR, MIL-STD-1580 DPA.
- Option 4: Group A, B, and Qualification Screening per MIL-PRF-55342, AS9102 FAIR, MIL-STD-1580 DPA.
- Option 5: Customer Source Control Drawing (SCD) defined screening. AEM will customize screening based on customer requirements.
- Note: (see AEM Detail Specification for more details).

Ordering Information

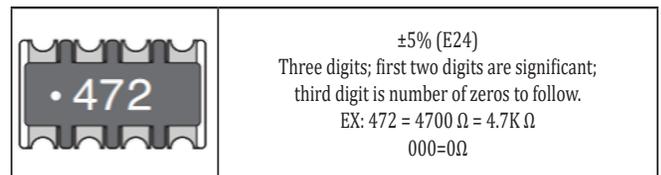


AEM part numbers:

AEM Part No.	Package Size	Resistance Code	Resistance Value (Ohms)	Resistance Tolerance
HRRACV1206-101Jxx	1206	101	100	5%
HRRACV1206-103Jxx	1206	103	10K	5%
HRRACV1206-104Jxx	1206	104	100K	5%
HRRACV1206-220Jxx	1206	220	22	5%
HRRACV1206-300Jxx	1206	300	30	5%

Note: Last (xx) are screening and termination codes respectively. (From left to right)

Typical Part Marking



Note: Other resistor values maybe available within same size and tolerances. Contact AEM for info.