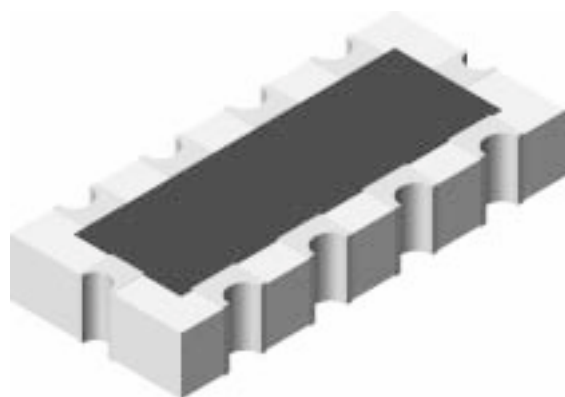


CRA08C

Vishay Dale

**Thick Film, Resistor Array****FEATURES**

- 10 terminal package, 8 bussed resistors, dual common on ends
- Automatic placement capability
- Flow solderable
- Inner electrode protection
- Thick film resistance element
- Wrap around termination
- Standard E-24 ($\pm 2\%$ and $\pm 5\%$) and E-96 ($\pm 1\%$)
- Operating temperature range of -55°C to $+150^{\circ}\text{C}$

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	POWER RATING $P_{70^{\circ}\text{C}}$ W	CIRCUIT	LIMITING ELEMENT VOLTAGE MAX. V P	TEMPERATURE COEFFICIENT ppm/ $^{\circ}\text{C}$	TOLERANCE %	RESISTANCE RANGE Ω	E-SERIES
CRA08C	0.0625	02	50	200	1, 2, 5	10R-1M0	24-96

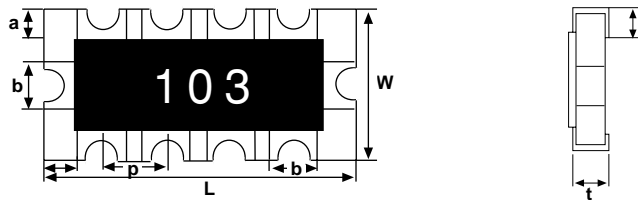
DataSheet4U.com

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	CRA08C 02 CIRCUIT
Rated Dissipation at 70°C	W	0.0625
Limiting Element Voltage ¹⁾	V P	50
Insulation Voltage (1min)	$V_{\text{dc/ac peak}}$	100
Category Temperature Range	$^{\circ}\text{C}$	$-55 / +125^{\circ}\text{C}$
Insulation Resistance	Ω	$> 10^{10}$

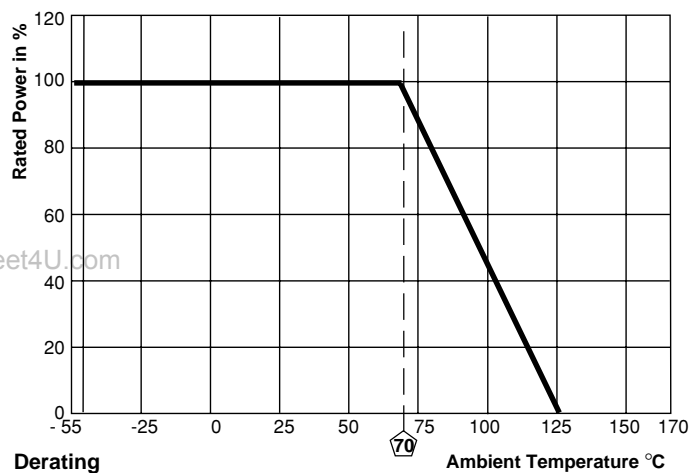
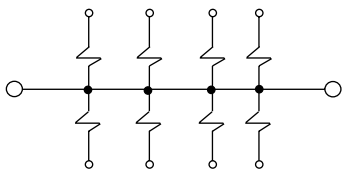
¹⁾Rated voltage: $\sqrt{P \times R}$ **ORDERING INFORMATION**

CRA08C	10	02	473	J	RT1
MODEL	TERMINAL COUNT	CIRCUIT TYPE	R-VALUE Ω	TOLERANCE $\pm \%$	PACKAGING
	10	02	First two digits (three for 1%) are significant. Last digit is the multiplier	F = $\pm 1\%$ G = $\pm 2\%$ J = $\pm 5\%$	Papertape 5000pcs

**DIMENSIONS** in millimeters

8 Terminal package shown

MODEL	L	W	t	a	b	c	d	p
CRA08C	4.0 ± 0.2	2.1 ± 0.2	0.6 ± 0.1	0.25 ± 0.2	0.5 ± 0.2	0.4 ± 0.2	0.3 ± 0.2	[0.80]

02 SCHEMATIC**PERFORMANCE**

TEST	CONDITIONS OF TEST	TEST RESULTS
Endurance Test at 70°C per EIA 575	1000 hour at 70°C, 1.5 hours "ON", 0.5 hours "OFF"	± 3.0%
Overload per EIA 575	Short time overload	± 2.0% ΔR
Thermal Shock	per EIA 575-3.5	± 1.0% ΔR
Moisture Resistance	per EIA 575-3.10	± 3.0% ΔR
Resistance to Soldering Heat EIA 575	10 seconds at 260°C solder bath temperature	± 2.0%
High Temperature Exposure	per EIA 575-3.7	± 3.0% ΔR
Low Temperature Operations	per EIA-575-3.6	± 1.0% ΔR
Solderability & Leaching	EIA 575-3.12	95% Coverage
Termination Adhesion	EIA-575	0.5Kg