

Metal Oxide Resistors Special Purpose, High Voltage, Ratio Divider



FEATURES

- Higher ranges and different sizes available on request
- $\pm 200\text{ppm}/^\circ\text{C}$ standard, $\pm 100\text{ppm}/^\circ\text{C}$ available
- Tolerance ratio $\pm 1\%$
- Available with leads and/or mounting lugs in any required combination

STANDARD ELECTRICAL SPECIFICATIONS						
GLOBAL MODEL	HISTORICAL MODEL	POWER RATING $P_{125^\circ\text{C}}$ W	VOLTAGE R_1	RESISTANCE RANGE Ω		MAXIMUM RATIO
				Min. R1	Max. R2	
RDX2	RDX-2	4.0	15.0KV	2K	2G	5000:1
RDX3	RDX-3	5.0	22.5KV	3K	10G	10000:1
RDX4	RDX-4	7.0	30.0KV	4K	10G	10000:1
RDX5	RDX-5	8.0	37.5KV	5K	10G	10000:1
RDX6	RDX-6	10.0	45.0KV	6K	10G	10000:1
RDX7	RDX-7	12.0	52.5KV	7K	10G	10000:1

GLOBAL PART NUMBER INFORMATION

New Global Part Numbering: RDX3A2M50GNJ03AA (preferred part numbering format)

R	D	X	3	A	2	M	5	0	G	N	J	0	3	A	A		
GLOBAL MODEL	CONSTRUCTION	RESISTANCE VALUE	TOLERANCE CODE	TEMP. COEFFICIENT	PACKAGING	RATIO	SPECIAL										
RDX2 RDX3 RDX4 RDX5 RDX6 RDX7	A = Axial Leads B = Radial Tabs C = Radial Ends, Axial Tap	K = Thousand M = Million G = Billion 2K00 = 2.0K Ω 100M = 100M Ω 10G0 = 10G Ω	F = $\pm 1\%$ G = $\pm 2\%$ J = $\pm 5\%$ K = $\pm 10\%$	K = 100ppm N = 200ppm	E03 = Lead Free, Skin J03 = Tin/Lead, Skin	AA = 10,000:1 ZZ = Custom	Blank = Standard (Dash Number) (up to 2 digits) From 1-99 as applicable										

Historical Part Number: RDX-3A2M50G10000:1M (will continue to be accepted)

RDX-3	A	2M50	G	10000:1	M	J03
HISTORICAL MODEL	CONSTRUCTION	RESISTANCE VALUE	TOLERANCE CODE	RATIO	TEMP. COEFFICIENT	PACKAGING



DIMENSIONS in inches [millimeters]

GLOBAL MODEL	ELEMENT CONFIGURATION*	LENGTH MAXIMUM	DIAMETER MAXIMUM
RDX2	ROX100, ROX100	2.620 [66.55]	0.325 [8.26]
RDX3	ROX200, ROX100	3.570 [90.70]	0.325 [8.26]
RDX4	ROX300, ROX100	4.570 [116.10]	0.325 [8.26]
RDX5	ROX400, ROX100	5.570 [141.50]	0.325 [8.26]
RDX6	ROX500, ROX100	6.570 [166.90]	0.325 [8.26]
RDX7	ROX600, ROX100	7.570 [192.30]	0.325 [8.26]

*See ROX for dimensions

MARKING

- DALE
- Model
- Value
- Ratio
- Date code



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All product specifications and data are subject to change without notice.

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