



Metal Oxide Resistors, Special Purpose, High Voltage, Ratio Divider



FEATURES

- Higher ranges and different sizes available on request
- TCR: ± 200 ppm/°C standard, ± 100 ppm/°C available
- Tolerance ratio ± 1 %
- Available with leads and/or mounting lugs in any required combination

STANDARD ELECTRICAL SPECIFICATIONS								
GLOBAL	HISTORICAL	POWER RATING	MAXIMUM WORKING	RESISTANCE RANGE Ω		TOLERANCE	TEMPERATURE COEFFICIENT	MAXIMUM
MODEL	MODEL	<i>P</i> _{125 °C} W	VOLTAGE (R ₁) ⁽¹⁾ V	MIN. R ₁	MAX. R ₂	± %	± ppm/°C	
RDX2	RDX-2	4.0	15.0K	2K	2G	1, 2, 5, 10	100, 200	5000:1
RDX3	RDX-3	5.0	22.5K	ЗК	10G	1, 2, 5, 10	100, 200	10 000:1
RDX4	RDX-4	7.0	30.0K	4K	10G	1, 2, 5, 10	100, 200	10 000:1
RDX5	RDX-5	8.0	37.5K	5K	10G	1, 2, 5, 10	100, 200	10 000:1
RDX6	RDX-6	10.0	45.0K	6K	10G	1, 2, 5, 10	100, 200	10 000:1
RDX7	RDX-7	12.0	52.5K	7K	10G	1, 2, 5, 10	100, 200	10 000:1

Note

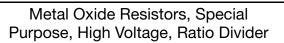
⁽¹⁾ Continuous working voltage shall be $\sqrt{P \times R}$ or maximum working voltage, whichever is less.

GLOB/	AL PART NUM	BER INFOR	RMATION				
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 (R ₁)	TOLERANCE CODE	TEMP. COEFFICIENT		RATIO	SPECIAL
RDX2 RDX3 RDX4 RDX5 RDX6 RDX7	A = Axial leads B = Radial tabs C = Radial ends, Axial tap	$\begin{array}{c} {\bf K} = {\bf k}\Omega \\ {\bf M} = {\bf M}\Omega \\ {\bf G} = {\bf G}\Omega \\ {\bf 2K00} = 2.0 \ {\bf k}\Omega \\ {\bf 100M} = 100 \ {\bf M}\Omega \\ {\bf 10G0} = 10 \ {\bf G}\Omega \end{array}$	F=±1% G=±2% J=±5% K=±10%	K = 100 ppm N = 200 ppm	E03 = Lead (Pb)-free, skin J03 = Tin/lead, skin	AA = 10 000:1 AB = 5 000:1 AC = 1000:1 AD = 2000:1 ZZ = Custom	Blank = Standard (Dash number) (Up to 2 digits) From 1 to 99 as applicable
Historical Part Number: RDX-3A2M50G10000:1M (will continue to be accepted)							
F	RDX-3 HISTORICAL MODEL CO	NSTRUCTION	2M50 RESISTANCE VALUE	TOLERAN CODE	· II RAII() II	TEMP. DEFFICIENT	J03 PACKAGING

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DIMENSIONS in inches (millimeters)							
GLOBAL MODEL	ELEMENT CONFIGURATION (1)	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)				

Note

⁽¹⁾ See ROX for dimensions

MARKI	N	G
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- Dale Model
- Value
- Ratio
- Date code



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