

Metal Oxide Resistors, Special Purpose High Power, Ultra High Value



FEATURES

- Wattages to 400 watt at + 25°C
- Derated to 0 at + 230°C
- Voltage testing to 100KV
- Tolerances: ± 1%, ± 2%, ± 5%, ± 10%
- Two terminal styles, Style 3 - Tab Terminal and Style 4 - Ferrule Terminal
- ± 200ppm/°C and ± 100ppm/°C available, measured between + 25°C and + 125°C
- Coating: Blue flameproof

STANDARD ELECTRICAL SPECIFICATIONS				
GLOBAL MODEL	HISTORICAL MODEL	POWER RATING $P_{25^{\circ}\text{C}}$ W	VOLTAGE RATING	RESISTANCE RANGE Ω
RJU040	RJU-40	40	25KV	1K0 - 1G0
RJU050	RJU-50	50	33KV	1K0 - 1G0
RJU070	RJU-70	70	40KV	1K0 - 1G0
RJU095	RJU-95	95	35KV	1K0 - 1G0
RJU095..1	RJU-95-1	95	35KV	1K0 - 1G0
RJU140	RJU-140	140	65KV	1K0 - 1G0
RJU140..1	RJU-140-1	140	65KV	1K0 - 1G0
RJU275	RJU-275	275	90KV	100K - 1G0
RJU275..1	RJU-275-1	275	90KV	100K - 1G0
RJU150	RJU-150	150	40KV	100K - 1G0
RJU150..1	RJU-150-1	150	40KV	100K - 1G0
RJU400	RJU-400	400	125KV	100K - 1G0
RJU400..1	RJU-400-1	400	125KV	100K - 1G0

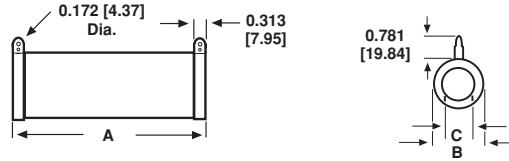
Note: All resistance values are calibrated at 100 VDC. Calibration at other voltages upon request.

MARKING
<ul style="list-style-type: none"> — DALE — Model — Value — Tolerance — Date code

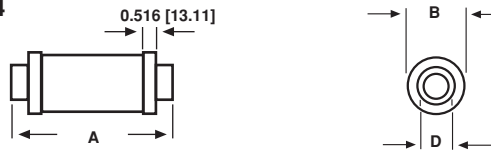
GLOBAL PART NUMBER INFORMATION																	
New Global Part Numbering: RJU0952M50KKF071 (preferred part numbering format)																	
R	J	U	0	9	5	2	M	5	0	K	K	F	0	7	1		
GLOBAL MODEL <small>(see Standard Electrical Specification Table)</small>	RESISTANCE VALUE K = Thousand M = Million G = Billion 1K00 = 1.0K Ω 10M0 = 10M Ω 1G00 = 1.0G Ω		TOLERANCE CODE F = ± 1% G = ± 2% J = ± 5% K = ± 10%		TEMP. COEFFICIENT K = 100ppm N = 200ppm		PACKAGING E07 = Leadfree, Foam F07 = Tin/Lead, Foam		SPECIAL Blank = Standard (Dash Number) (up to 3 digits) From 1-999 as applicable 1 = Ferrule Terminal								
Historical Part Number: RJU-95-12M50KK (will continue to be accepted)																	
RJU-95-1	2M50	K	K	F07													
HISTORICAL MODEL	RESISTANCE VALUE	TOLERANCE CODE	TEMP. COEFFICIENT	PACKAGING													

DIMENSIONS in inches [millimeters]

Style 3

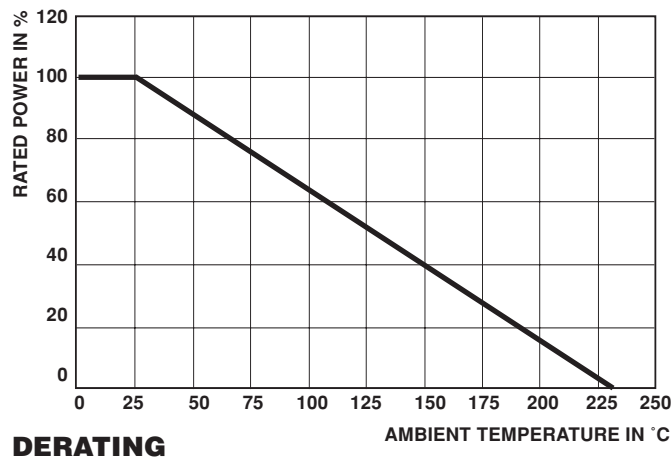


Style 4



GLOBAL MODEL	STYLE	A	B*	C	D
RJU040	3	4.500 [114.30]	0.750 [19.05]	0.500 [12.70]	N/A
RJU050	3	6.000 [152.40]	0.750 [19.05]	0.500 [12.70]	N/A
RJU070	3	8.000 [203.20]	0.750 [19.05]	0.500 [12.70]	N/A
RJU095	3	6.500 [165.10]	1.130 [28.70]	0.750 [19.05]	N/A
RJU095..1	4	7.690 [195.33]	1.130 [28.70]	N/A	0.812 [20.62]
RJU140	3	10.500 [266.70]	1.130 [28.70]	0.750 [19.05]	N/A
RJU140..1	4	11.690 [296.93]	1.130 [28.70]	N/A	0.812 [20.62]
RJU275	3	14.500 [368.30]	1.500 [38.10]	1.130 [28.70]	N/A
RJU275..1	4	15.690 [398.53]	1.500 [38.10]	N/A	1.140 [28.96]
RJU150	3	6.500 [165.10]	2.000 [50.80]	1.560 [39.62]	N/A
RJU150..1	4	7.690 [195.33]	2.000 [50.80]	N/A	1.140 [28.96]
RJU400	3	18.500 [469.90]	2.000 [50.80]	1.560 [39.62]	N/A
RJU400..1	4	19.690 [500.13]	2.000 [50.80]	N/A	1.140 [28.96]

* Dimensional tolerances are ± 0.016 [0.406mm] or $\pm 1\%$, whichever is greater.





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