

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



### FEATURES

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

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

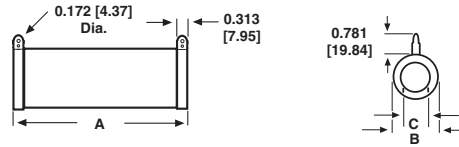
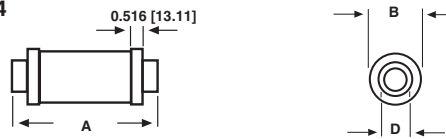
**Note:**

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

MARKING	
	- DALE - Model - Value - Tolerance - Date code

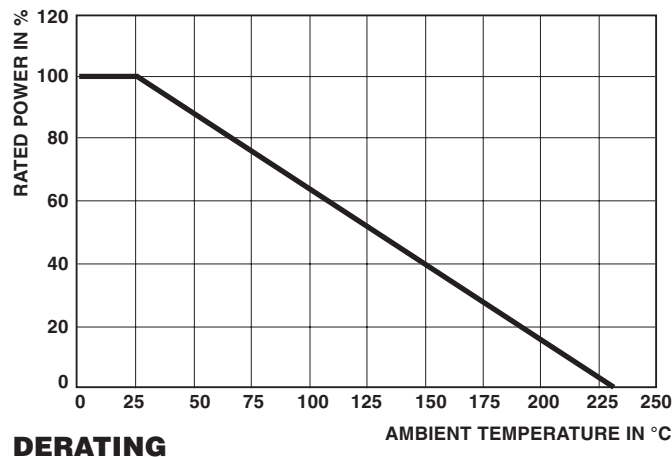
GLOBAL PART NUMBER INFORMATION																	
New Global Part Numbering: RJU0952M50KKF071 (preferred part numbering format)																	
R	J	U	0	9	5	2	M	5	0	K	K	F	0	7	1		
GLOBAL MODEL <small>(see Standard Electrical Specification Table)</small>	RESISTANCE VALUE K = Thousand M = Million G = Billion 1K00 = 1.0 kΩ 10M0 = 10 MΩ 1G00 = 1.0 GΩ		TOLERANCE CODE F = ± 1 % G = ± 2 % J = ± 5 % K = ± 10 %		TEMP. COEFFICIENT K = 100 ppm N = 200 ppm		PACKAGING E07 = Lead (Pb)-free, 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 (1)	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]

**Note:**

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

**DERATING**



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