

## 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	MAXIMUM WORKING VOLTAGE <sup>(1)</sup> V	RESISTANCE RANGE $\Omega$
RJU040	RJU-40	40	25K	1K to 1G
RJU050	RJU-50	50	33K	1K to 1G
RJU070	RJU-70	70	40K	1K to 1G
RJU095	RJU-95	95	35K	1K to 1G
RJU095..1	RJU-95-1	95	35K	1K to 1G
RJU140	RJU-140	140	65K	1K to 1G
RJU140..1	RJU-140-1	140	65K	1K to 1G
RJU275	RJU-275	275	90K	100K to 1G
RJU275..1	RJU-275-1	275	90K	100K to 1G
RJU150	RJU-150	150	40K	100K to 1G
RJU150..1	RJU-150-1	150	40K	100K to 1G
RJU400	RJU-400	400	125K	100K to 1G
RJU400..1	RJU-400-1	400	125K	100K to 1G

#### Notes

- All resistance values are calibrated at 100 V<sub>DC</sub>. Calibration at other voltages upon request.
- <sup>(1)</sup> Continuous working voltage shall be  $\sqrt{P \times R}$  or maximum working voltage, whichever is less.

### MARKING

- DALE
- Model
- Value
- Tolerance
- Date code

### GLOBAL PART NUMBER INFORMATION

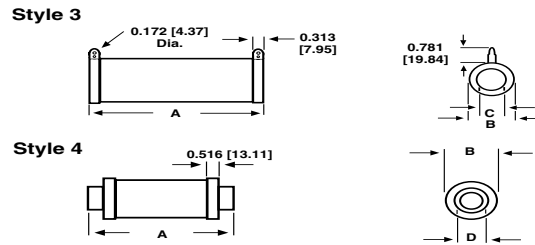
New Global Part Numbering: RJU0952M50KKF071 (preferred part numbering format)

R J U 0 9 5 2 M 5 0 K K F 0 7 1

GLOBAL MODEL (see Standard Electrical Specification Table)	RESISTANCE VALUE	TOLERANCE CODE	TEMP. COEFFICIENT	PACKAGING	SPECIAL
	K = kΩ M = MΩ G = GΩ 1K00 = 1.0 kΩ 10M0 = 10 MΩ 1G00 = 1.0 GΩ	F = ± 1 % G = ± 2 % J = ± 5 % K = ± 10 %	K = 100 ppm N = 200 ppm	E07 = Lead (Pb)-free, Foam F07 = Tin/Lead, Foam	Blank = Standard (Dash Number) (up to 3 digits) From 1 to 999 as applicable 1 = Ferrule Terminal

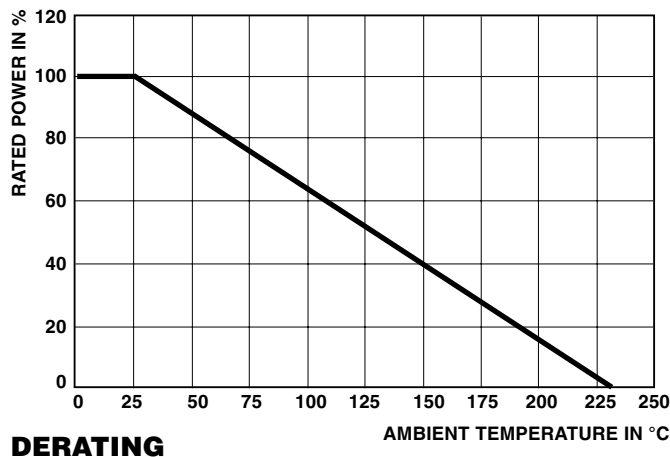
Historical Part Number: RJU-95-12M50KK (will continue to be accepted)

RJU-95-1	2M50	K	K	F07
HISTORICAL MODEL	RESISTANCE VALUE	TOLERANCE CODE	TEMP. COEFFICIENT	PACKAGING

**DIMENSIONS** in inches (millimeters)


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.




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