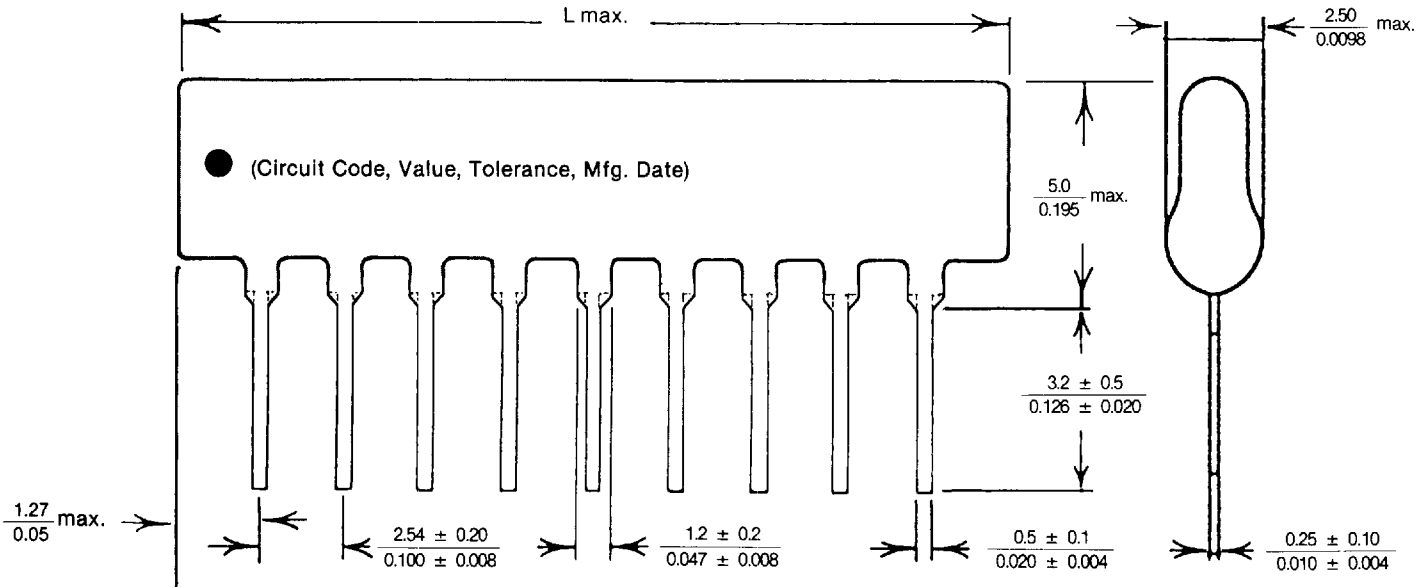


THICK FILM SIP RESISTOR LOW PROFILE NETWORK



No. of Pins (P)	Body Length (L max.)
3 ~ 12	$2.56 \times P + 2.54$

RATING

RESISTANCE RANGE	R circuit $100\Omega \sim 10K\Omega$	Others $22\Omega \sim 1.0M\Omega$	OPERATING TEMP. RANGE	$55^\circ\text{C} \sim +125^\circ\text{C}$	
T. C. R.	$\pm 200\text{ppm}/^\circ\text{C}$		MAX. WORKING VOLTAGE	100V	
RESISTANCE TOLERANCE	F (+1%)	G (+2%)	J (+5%)	RATING AMBIENT TEMP.	-70°C
WATTAGE ELEMENT	S circuit 200mW	Others 125mW			

CIRCUIT CONSTRUCTIONS

CIRCUIT SYMBOL	B	S	C	D
NUMBER OF PINS	3 ~ 12	4 ~ 12	5 ~ 11	5 ~ 12
CIRCUIT CONSTRUCTION	<p>$R_1 = R_2 = \dots = R_n$</p>	<p>$R_1 = R_2 = \dots = R_n$</p>	<p>$R_1 = R_2 = \dots = R_n$</p>	<p>$R_1 = R_2 = \dots = R_n$</p>
	A	T	E	R
	3 ~ 12	5 ~ 11	5 ~ 11	4 ~ 11
	<p>$R_1 = R_2 = \dots = R_n$</p>	<p>$R_1 = R_2 \text{ OR } R_1 \neq R_2$</p>	<p>$R_1 = R_2 \text{ OR } R_1 \neq R_2$</p>	<p>$R_1 = R_2 \text{ OR } R_1 \neq R_2$</p>

CHARACTERISTICS

REQUIREMENTS	CHARACTERISTICS	TEST METHOD
		MIL-STD-202E
Operating Temp. Range	- 55°C ~ + 125°C	
Temp. Coefficient	± 200ppm/°C	304 (Operating Temp. Range)
Short Time Overload	± (0.5% + 0.05Ω)	(MIL R 83401B 3.14)
Insulation Resistance	Over 10 ⁴ MΩ	302A
Dielectric Withstanding V.	± (0.5% + 0.05Ω)	301 D.C250V 60sec
Terminal Strength	Pull Test	± (0.5% + 0.05Ω) 211A, A 21b
	Bend Test	3 cycles and over 211A, B
Resistance to Soldering Heat	± (0.5% + 0.05Ω)	210A, B
Solderability	95% min.	208C
Life (at Elevated Ambient Temp.)	± 3%	108A 155°C/1000Hr
Temperature Cycling	± (0.5% + 0.05Ω)	102A -40°C 85°C
Endurance (Moisture Load)	± 1% < 100K ≥ ± 2%	103B 1000Hr
Endurance (Rated Load)	± 1% < 100K ≥ ± 2%	108A 70°C 1000Hr

ORDERING DESIGNATION:

RKL B	X	X	XXX	X	XXX
TYPE	NUMBER OF RESISTORS	CIRCUIT SYMBOL	NOMINAL RESISTANCE	RESISTANCE TOLERANCE	PACKAGING
CIRCUIT SYMBOL B, S, C, D,		None = "B"	2 Significant Figs. + 10 x multiplier	F = ± 1% G = ± 2% J = ± 5%	None = Bulk/Poly Bag STP = Stick Magazine STB = Stick Magazine TBA = Perf. Taping TPA = Perf. Taping

RKL	X	X	R ₁ /R ₂ XXX/XXX	X	XXX
TYPE	NUMBER OF RESISTORS	CIRCUIT SYMBOL	NOMINAL RESISTANCE	RESISTANCE TOLERANCE	PACKAGING
CIRCUIT SYMBOL A, T, E, R,			2 Significant Figs. + 10 x multiplier	F = ± 1% G = ± 2% J = ± 5%	None = Bulk/Poly Bag STP = Stick Magazine STB = Stick Magazine TBA = Perf. Taping TPA = Perf. Taping

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