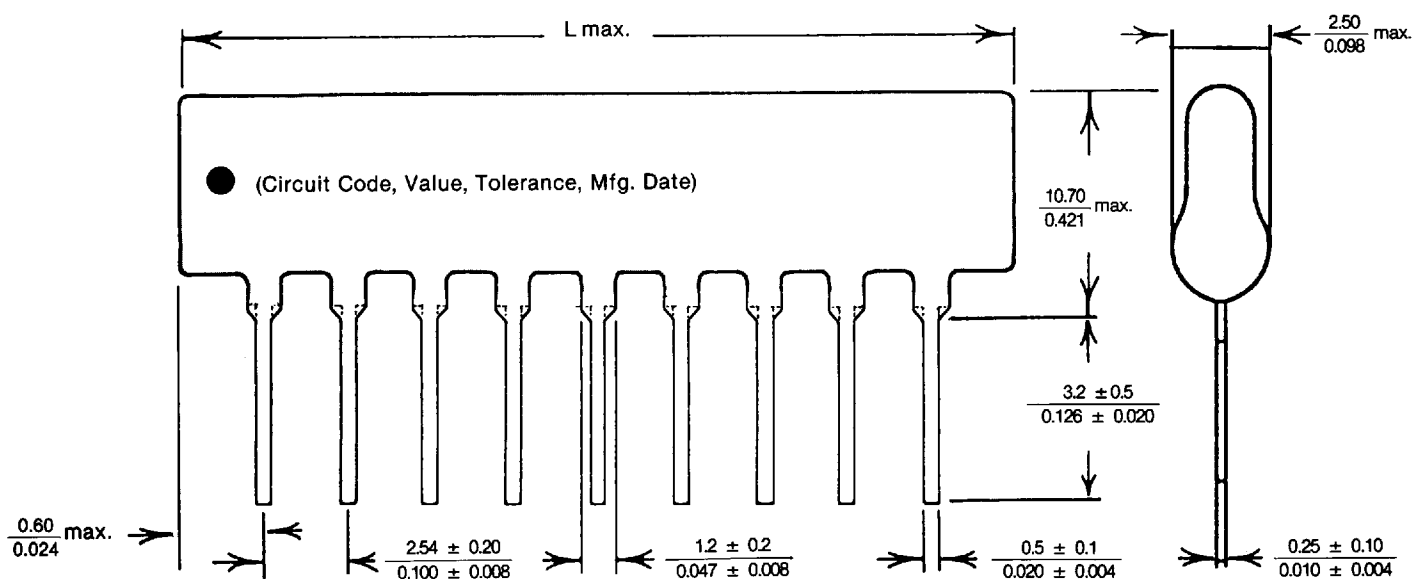


THICK FILM SIP RESISTOR HIGH PROFILE NETWORK



No. of Pins (P)	Body Length (L max.)
4 ~ 13	$2.56 \times P + 1.20$

RATING

RESISTANCE RANGE	R circuit 100 Ω ~ 10K Ω	Others 56 Ω ~ 2.2M Ω	OPERATING TEMP. RANGE	-55°C ~ +155°C
T.C.R.	$\pm 200\text{ppm}/^\circ\text{C}$		MAX. WORKING VOLTAGE	250V
RESISTANCE TOLERANCE	F ($\pm 1\%$)	G ($\pm 2\%$)	J ($\pm 5\%$)	RATING AMBIENT TEMP +70°C
WATTAGE/ELEMENT	S circuit 500mW	Others 250mW		

CIRCUIT CONSTRUCTIONS

CIRCUIT SYMBOL	B	S	C	D
NUMBER OF PINS	4 ~ 13	4 ~ 12	5 ~ 13	5 ~ 12
CIRCUIT CONSTRUCTION	$R_1 = R_2 = \dots = R_n$	$R_1 = R_2 = \dots = R_n$	$R_1 = R_2 = \dots = R_n$	$R_1 = R_2 = \dots = R_n$
	A	T	E	R
NUMBER OF PINS	5 ~ 12	5 ~ 13	5 ~ 13	5 ~ 11
	$R_1 = R_2 = \dots = R_n$	$R_1 = R_2 \text{ OR } R_1 \neq R_2$	$R_1 = R_2 \text{ OR } R_1 \neq R_2$	$R_1 = R_2 \text{ OR } R_1 \neq R_2$

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 2lb
	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:

RKH	1/4 B	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. +	F = ±1% G = ±2% J = ±5%	None = Bulk/Poly Bag STP = Stick Magazine STB = Stick Magazine TBA = Perf. Taping TPA = Perf. Taping
			10 × multiplier		

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

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