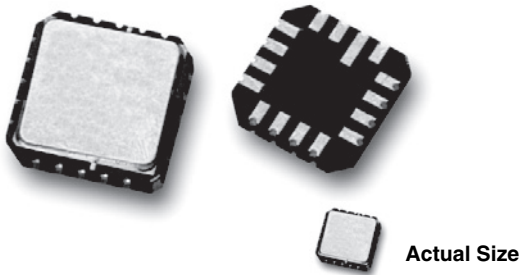


## Hermetic, 50 Mil Pitch, Leadless Chip Resistor Networks



Capable of meeting the characteristics of MIL-PRF-83401 these networks are available in a wide range of resistance values: several standard configurations are presented with the SLCC series.

**FEATURES**

- High stability Ultrafilm (0.05 % at 1000 h at 70 °C under Pn)
- Low noise < 35 dB
- Hermetic package



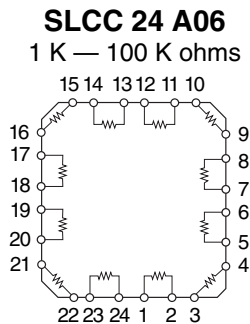
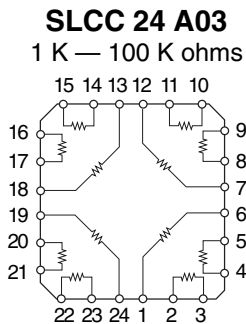
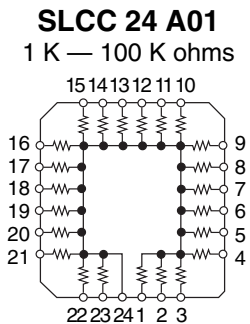
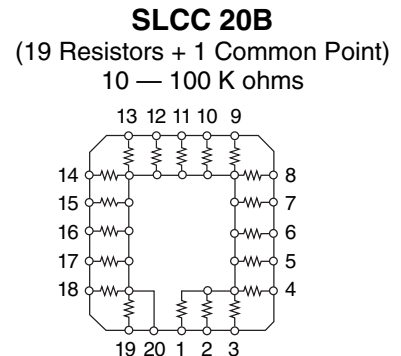
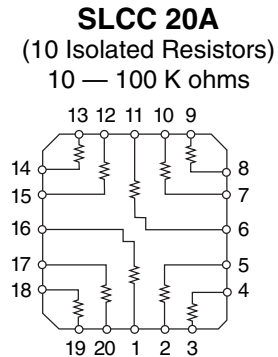
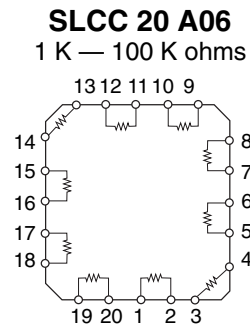
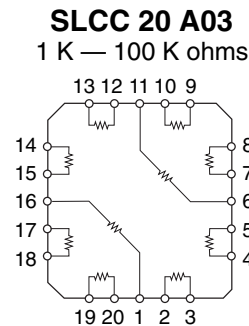
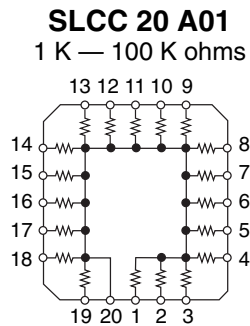
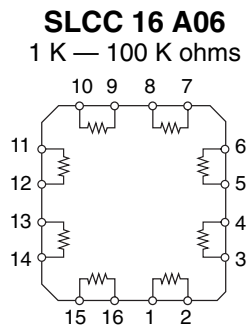
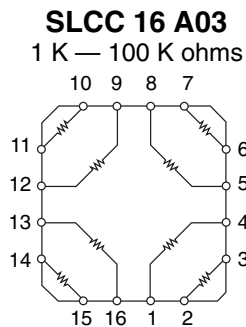
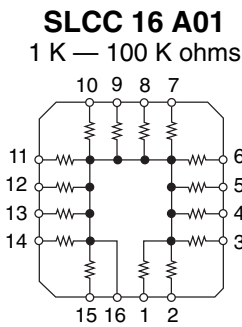
**RoHS**  
COMPLIANT

**TYPICAL PERFORMANCE**

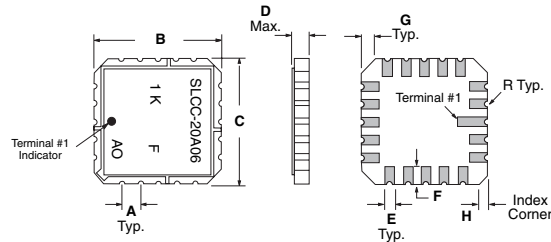
	ABS	TRACKING
TCR	25 ppm/°C	2 ppm/°C
	ABS	RATIO
TOL	0.1 %	0.1 %

Resistance Range: Noted on schematics

**SCHEMATIC**



STANDARD ELECTRICAL SPECIFICATIONS			
TEST		SPECIFICATIONS	CONDITIONS
PIN NUMBER		16, 20, 24	
TCR:	Tracking	$\pm 2$ ppm/ $^{\circ}\text{C}$ (typical)/5 ppm/ $^{\circ}\text{C}$ Max.	- 55 $^{\circ}\text{C}$ to + 125 $^{\circ}\text{C}$
	Absolute	$\pm 25$ ppm/ $^{\circ}\text{C}$ Max.	- 55 $^{\circ}\text{C}$ to + 125 $^{\circ}\text{C}$
Tolerance:	Ratio	$\pm 0.1\%$ to 1.0 % tighter specs on request	
	Absolute	$\pm 0.1\%$ to 5.0 % tighter specs on request	
Power Rating:	Resistor	50 mW	at + 70 $^{\circ}\text{C}$
	Package	250 mW 500 mW 1 W	at + 70 $^{\circ}\text{C}$
Stability ( $\Delta R$ Ratio)		0.05 %	1000 hrs at + 70 $^{\circ}\text{C}$ under Pn
Voltage Coefficient		< 0.1 ppm/V	
Working Voltage		100 V <sub>DC</sub> on R	
Operating Temperature Range		- 55 $^{\circ}\text{C}$ to + 125 $^{\circ}\text{C}$	
Storage Temperature Range		- 55 $^{\circ}\text{C}$ to + 150 $^{\circ}\text{C}$	
Noise		- 35 dB typical	
Thermal EMF		0.1 $\mu\text{V}/^{\circ}\text{C}$	
Shelf Life Stability		< 50 ppm	1 year at + 25 $^{\circ}\text{C}$

**DIMENSIONS** in inches and millimeters


	A	B	C	D	E	F	G	H
16 Pin	0.050"	0.300"	0.300"	0.077"	0.025"	0.050"	0.040"	0.020"
mm	1.27	7.62	7.62	1.96	0.635	1.27	1.02	0.508
20 Pin	0.050"	0.350"	0.350"	0.077"	0.025"	0.050"	0.040"	0.020"
mm	1.27	8.89	8.89	1.96	0.635	1.27	1.02	0.508
24 Pin	0.050"	0.400"	0.400"	0.077"	0.025"	0.050"	0.040"	0.020"
mm	1.27	10.16	10.16	1.96	0.635	1.27	1.02	0.508

**GLOBAL PART NUMBER INFORMATION**

New Global Part Numbering: SLCC24A01-10KF0005

S	L	C	C	2	4	A	0	1	-	1	0	K	F	0	0	0	5
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GLOBAL MODEL SLCC16 SLCC20 SLCC24	SCHEMATIC A B A01 A03 A06	VALUE Decimal R, K or M	TOL. B (0.1 % 0.1 %) D (0.5 % 0.25 %) F (1.0 % 0.5 %) G (2.0 % 1.0 %) J (5.0 % 1.0 %)	SPECIAL
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Historical Part Number example: SLCC 24 A01 10K F R0005 e4



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