

General Product Information

Temperature Coefficient Codes

SEI TC Code	MIL TC Code	Industry Std TC Code	Temperature Coefficient	Temperature Span
T00	N/A	T00	±200ppm/°C	-55°C to + 150°C
T0	N/A	T0	±150ppm/°C	-55°C to + 165°C
T1	D	T1	±100ppm/°C	-55°C to + 165°C
T2	C	T2	±50ppm/°C	-55°C to + 175°C
T9	E	T9	±25ppm/°C	-55°C to + 175°C
TD	N/A	T10	±15ppm/°C	-55°C to + 150°C
TB	N/A	T13	±10ppm/°C	-55°C to + 150°C
TA	N/A	T16	±5ppm/°C	-55°C to + 150°C

Tolerance Codes

Resistance Values

SEI/MIL Reference	Tolerance	SEI Standard for Nominal Values & Tolerances	
		Series	Tolerance
K	±10%	E12	±10%
J	±5%	E24	±5%, ±2%
G	±2%	E96	±1%
F	±1%	E192	±0.5%, ±0.25%, ±0.1%
D	±0.5%	Note: Non-standard R values are available. Consult factory for minimum order quantities.	
C	±0.25%		
B	±0.1%		

Component Flammability

SEI Electronics Product Type	Polymer Type	IEC 695-2-2	UL94V Rating	Total Polymer Mass	Oxygen Index
Carbon Films					
CF 1/8 (CFM 1/4)	Epoxy	*	N/A	3 mg	N/A
CF 1/4 (CFM 1/2)	Epoxy	*	N/A	15 mg	N/A
CF 1/2	Epoxy	*	N/A	30 mg	N/A
Metal Films					
RN 1/8 (RNM 1/4)	Epoxy	*	N/A	3 mg	N/A
RN 1/4 (RNM 1/2)	Epoxy	*	N/A	15 mg	N/A
RN 1/2	Epoxy	*	N/A	30 mg	N/A
Metal Oxides					
RSM 1/2	Silicone	*	94V-0	20 mg	46 – 48%
RSM 1 (RS 1/2)	Silicone	*	94V-0	30 mg	46 – 48%
RSM 2 (RS 1)	Silicone	*	94V-0	50 mg	46 – 48%
RSM 3 (RS 2)	Silicone	*	94V-0	130 mg	46 – 48%
RSM 5 (RS 3)	Silicone	*	94V-0	500 mg	46 – 48%
RS 5	Silicone	*	94V-0	400 mg	46 – 48%
Chip Resistors					
RMC Series	Boro-Silicated Acid Lead Glass	*	94V-0	N/A	N/A
Resistor Networks					
LC5X	Epoxy	*	94V-0	70 mg	N/A
LC6X	Epoxy	*	94V-0	80 mg	N/A
LC7X	Epoxy	*	94V-0	90 mg	N/A
LC8X	Epoxy	*	94V-0	110 mg	N/A
LC9X	Epoxy	*	94V-0	120 mg	N/A
LC0X	Epoxy	*	94V-0	140 mg	N/A
Chip Networks					
RAC Series	Boro-Silicated Acid Lead Glass	*	94V-0	N/A	N/A
RAV Series	Boro-Silicated Acid Lead Glass	*	94V-0	N/A	N/A

* Meets specification

Resistor Selection Guide

Performance & Application Considerations					
	Carbon Composition	Carbon Film	Metal Film	Metal Oxide	Wirewound
Power Rating Range	2	2	2	1	1
Resistance Value Range	2	1	3	4	4
Tolerance	4	3	1	2	2
Stability	4	3	1	2	1
TCR	4	3	1	2	1
Voltage Coefficient	3	2	1	1	1
Noise	4	3	1	2	1
Frequency Response	2	1	1	1	3
Dielectric Strength	1	2	3	3	2
Insulation Resistance	1	2	2	2	2
Temperature Cycling	3	2	1	2	2
Low Temperature Operation	3	2	1	2	2
Moisture Resistance	3	2	1	2	1
Effect of Soldering	3	2	1	2	1
Shelf Drift	3	2	1	2	1
Flammability	3	2	2	1	1
Pulse Load Capacity	1	3	3	2	2
Reliability	1	3	2	2	2
Cost	4	1	2	3	5
Availability	4	1	2	3	4
Cost-Availability-Performance Balance	4	3	1	2	3
Low Inductance	1	2	3	3	4

* Lowest number is best