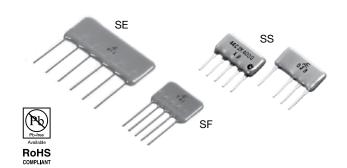


Precision Resistor Network (Conformally Coated)

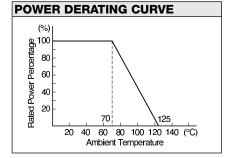


COMPOSITION OF TYPE NUMBER							
Example: SE	004A	1K00	00/8K0	<u>000</u>	<u>B</u>	<u>A</u>	
① Type ② Circuit Symbol ③ Resistance Value (R1)			(4) Resistance Value (Rn) (5) Resistance Tolerance (Absolute) (6) Resistance Tolerance (Matching)				

CONFIGURATION (DIMENSIONS IN mm)						
SE, SF, SS	Туре	SE	SF	SS		
L T	L	29.0±0.5	14.0±0.5	7.5±0.5 to 16.5±0.5		
	w	12.5±0.5	10.0±0.5	7.3±0.5		
 	Т	2.7±0.5		2.2±0.5		
	Ł	5±1				
+ MATH	t	0.3±0.05				
□	а	1.0±0.5				
	b	0.65±0.05				
- - - - - - - - - -	С	0.4±0.05				
F c	F	Multiple of 2.54				

Specify all values for R1 to Rn

TCR, RESISTANCE RANGE, TOLERANCE, RATED POWER							
Туре	TCR (ppm/°C)* -25°C to +125°C	Resistance Range Element (Ω)	Maximum Resistance Value Package (Ω)		tance ce (%)**	Rated Power/ Package	
				Absolute	Matching	(W) at 70°C	
SE	0±5	30 to 120k	600k	±0.05 (A) ±0.1 (B) ±0.5 (D) ±1 (F)	±0.01 (T) ±0.02 (Q)	1	
SF		30 to 120k	240k		±0.05 (A) ±0.1 (B)	0.5	
ss		30 to 20k	100k		±0.5 (D) ±1 (F)	0.5	



PERFORMANCE								
Parameters	Test Condition	ALPHA Specification		ALPHA Typical Test Data				
		ΔR	∆Ratio	ΔR	∆Ratio			
Maximum Rated Operating Temperature Working Temperature Range		70°C –25°C to +125°C						
Temperature Cycling	-25°C/30 min., Room Temperature/5 min., +125°C/30 min., 5 cycles	±0.05%	±0.01%	±0.01%	±0.005%			
Low Temperature Storage Overload Terminal Strength	-25°C, No Load, 2 hrs. Rated Voltage x 2.5, 5 sec. 0.51 kg (1.123 pounds),10 sec.	±0.05% ±0.05% ±0.05%	±0.01% ±0.01% ±0.01%	±0.005% ±0.0025% ±0.005%	±0.0025% ±0.001% ±0.0025%			
Dielectric Withstanding Voltage Insulation Resistance Resistance to Soldering Heat Moisture Resistance	Atmo. Pres.: AC 300V, 1 min. DC 100V, 1 min. 350°C, 3 sec. +65°C to -10°C, 90% RH to 98% RH, Rated Voltage, 10 cycles (240 hrs.)	±0.03% over 10, ±0.03% ±0.1%	±0.01% ,000 MΩ ±0.01% ±0.05%	±0.005% over 10 ±0.005% ±0.03%	±0.0025% ,000 MΩ ±0.0025% ±0.005%			
Shock Vibration	50G, 11 ms., Half-Sine Wave, X, Y, Z, each 3 shocks 20G, 10 Hz to 55 Hz to 10 Hz, 1 min., X, Y, Z, each 2 hrs.	±0.03% ±0.03%	±0.01% ±0.01%	±0.005% ±0.005%	±0.0025% ±0.0025%			
Life (Rated Load)	70°C, Rated Power, 1.5 hrs. – ON, 0.5 hr. – OFF, 1,000 hrs.	±0.1%	±0.05%	±0.01%	±0.005%			
Life (Moisture Load)	ure Load) 40°C, 90% RH to 95% RH, Rated Power, 1.5 hrs. – ON, 0.5 hr. – OFF, 1,000 hrs.		±0.05%	±0.01%	±0.005%			
High Temperature Exposure	125°C, No Load, 1,000 hrs.	±0.1%	±0.05%	±0.01%	±0.005%			
Storage Life	15°C to 35°C, 15% RH to 75% RH, No Load, 10,000 hrs.	±0.05%	±0.03%	±0.005%	±0.0025%			

^{*}TCR tracking is dependent on resistance ratio. See table 1 on page 32. **Symbols parenthesized are for type number composition.