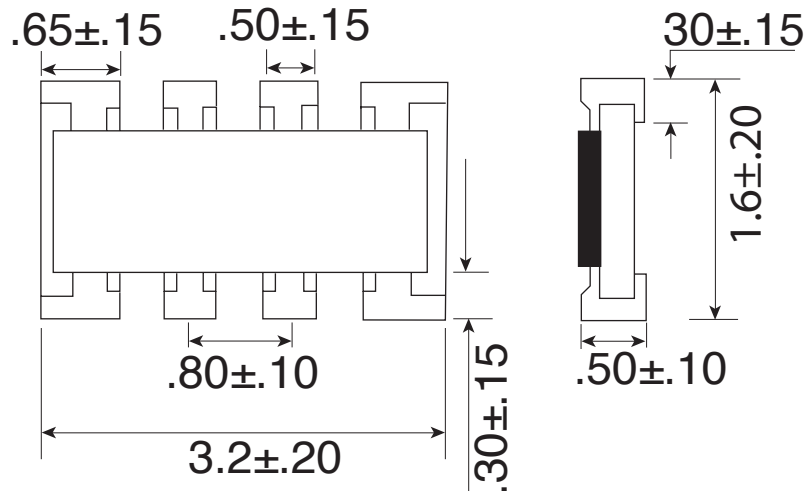


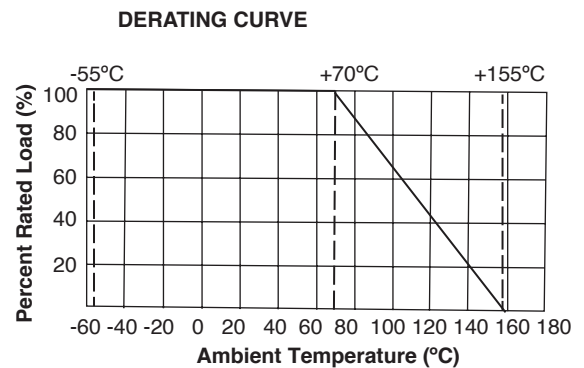
DIMENSIONS: mm



PART NUMBERING SYSTEM

3	0	4	-	T	F	R	A	4	-	1	-	1	0	0	-	R	C
Prefix				Series					Tolerance			Value				Suffix (RoHS Compliant)	

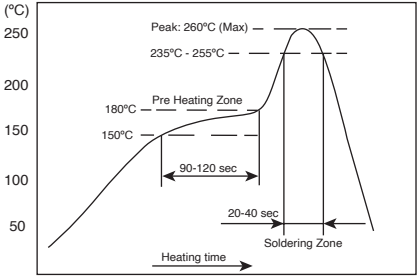
SPECIFICATIONS :	
Power Rating (Watts)	0.0625W(1/16W)
Max.Working Voltage	50V
Max.Overload Voltage	100V
Dielectric Withstanding Voltage	300V
Temperature Range	-55°C~+155°C
Ambient Temperature	70°C



NOTES :

- Nominal Resistance
Effective figures of nominal resistance shall be in accordance :
 - E-24 and E-96 series for 1%
 - E-24 series for 2% and 5%
- Resistance Range : 1Ω ~1MΩ
- RoHS Compliant

1% or 5% Thick Film Chip Resistor Array-Convex Terminal

Characteristics	Limits	Test Methods (JIS C 5201-1)
Temperature coefficient	Refer to item 5	<p>Natural resistance change per temp. degree centigrade.</p> $\frac{R_2 - R_1}{R_1(t_2 - t_1)} \times 10^6 \text{ (PPM/}^\circ\text{C)}$ <p>R1: Resistance value at room temperature (t1) R2: Resistance value at room temp.plus 100°C (t2)</p>
Short time overload	Resistance change rate is ± 5%(2.0 % + 0.1Ω) Max. ± 1%(1.0 % + 0.1Ω) Max.	Permanent resistance change after the application of a potential of 2.5 times RCWV for 5 seconds.
Insulation resistance	1,000M Ω or more	Apply 500V DC between protective coating and termination for 1 minute, then measure
Dielectric withstanding Voltage	No evidence of flashover mechanical damage, arcing or insulation break down	Clamped in the trough of a 90° metallic V-block and shall be tested at AC potential respectively specified in the table 1. for 60+10/-0 secs.
Terminal bending	Resistance change rate is ±(1.0% + 0.05Ω) Max.	Twist of Test Board: Y/X=5/90mm for 10 seconds
*Solderability	95% coverage Min.	Test temperature of solder: 245 ± 3°C Dipping them solder: 2-3 seconds (Sub-clause 4.17)
Soldering temp. reference	Electrical characteristics shall be satisfied. Without distinct deformation in appearance. (95% coverage Min.)	<p>Wave soldering condition: (2 cycles Max.) Pre-heat: 100 ~ 120 °C, 30 ± 5 sec. Suggestion solder temp.: 235 ~ 255 °C, 10 sec. (Max.) Peak temp.: 260°C</p> <p>Reflow soldering condition: (2 cycles Max.) Pre-heat: 150 ~ 180 °C, 90 ~ 120 sec. Suggestion solder temp.: 235 ~ 255 °C, 20 ~ 40 sec. Peak temp.: 260°C</p>  <p>Temperature profile for evaluation</p> <p>Hand soldering condition: The soldering iron tip temperature should be less than 300°C and maximum contract time should be 5 sec.</p>