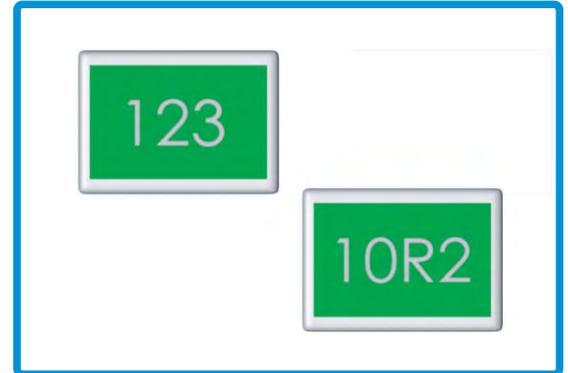


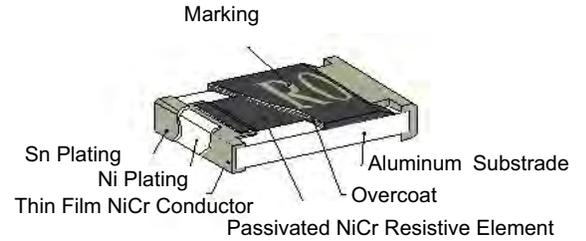


## PART NUMBERING SYSTEM

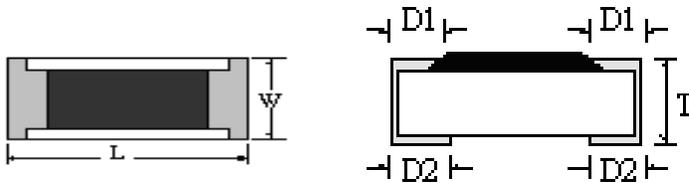
Meritek Series	RN73				F	2A	TD	1001	B
Temperature Coefficient									
CODE	C	F	G	H					
	±10 ppm/°C	±25 ppm/°C	±50 ppm/°C	±100 ppm/°C					
Size									
Size	1E	1J	2A	2B	2E				
	0402	0603	0805	1206	1210				
Max. Working voltage	25V	50V	100V	150V	150V				
Max overload voltage	50V	100V	200V	300V	300V				
Working temperature range					-55 to 155°C				
Rated ambient temperature					70°C				
Packaging									
		Bulk							
TD	Paper Tape (Reel) (1H, 1E, 1J, 2A, 2B, 2E)								
TE	Plastic Tape (Reel) (2H, 3A)								
TD	Paper Tape (Reel) (1E)								
Resistance Value									
1% - 4 digits. First 3 are significant, fourth is multiplier (10 <sup>n</sup> )									
Resistance Tolerance									
A	B	C	D	T					
0.05%	0.1%	0.25%	0.5%	0.01%					



## Construction



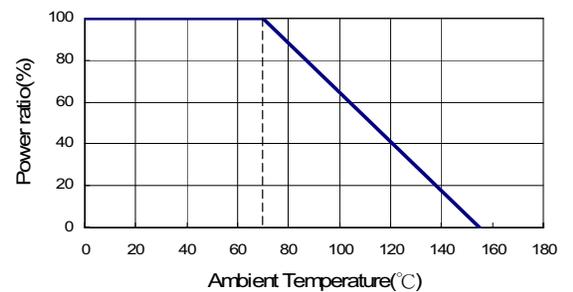
## Dimensions



Unit : mm

Codes	L	W	T	D1	D2
1H (0201)	0.58±0.05	0.29±0.05	0.23±0.05	0.12±0.05	0.15±0.05
1E (0402)	1.00±0.05	0.50±0.05	0.30±0.05	0.20±0.10	0.20±0.10
1J (0603)	1.55±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20
2A (0805)	2.00±0.15	1.25±0.15	0.55±0.10	0.30±0.20	0.40±0.25
2B (1206)	3.05±0.15	1.55±0.15	0.55±0.10	0.42±0.20	0.35±0.25
2E (1210)	4.90±0.15	2.40±0.15	0.55±0.10	0.60±0.30	0.50±0.25
2H (2010)	6.30±0.15	3.10±0.15	0.55±0.10	0.60±0.30	0.50±0.25
3A (2512)	3.10±0.15	2.40±0.15	0.55±0.10	0.40±0.20	0.55±0.25

## Derating Curve



## Standard Electrical Specifications

Item Type	Power Rating at 70°C	Operating Temp. Range	Max Operating Voltage	Max Overloading Voltage	Resistance Tolerance	Resistance Range	TCR (PPM/°C)
1H (0201)	1/32W	-55 ~ +155°C	15V	30V	±0.5%	50Ω~5KΩ	±25 ±50
					±1.0%	5.1KΩ~33KΩ	±50
1E (0402)	1/16W	-55 ~ +155°C	25V	50V	±0.10% ±0.25% ±0.50%	10Ω~205KΩ	±25 ±50
1J (0603)	1/16W	-55 ~ +155°C	50V	100V	±0.05%	4.7Ω~150KΩ	±25 ±50
					±0.10%	4.7Ω~1MΩ	
					±0.25% ±0.50%	2Ω~1MΩ	
2A (0805)	1/10W	-55 ~ +155°C	100V	200V	±0.05%	4.7Ω~500KΩ	±25 ±50
					±0.10%	4.7Ω~2MΩ	
					±0.25% ±0.50%	1Ω~2MΩ	
2B (1206)	1/8W	-55 ~ +155°C	150V	300V	±0.05%	4.7Ω~1MΩ	±25 ±50
					±0.10%	4.7Ω~2.5MΩ	
					±0.25% ±0.50%	1Ω~2.5MΩ	
2H (2010)	1/4W	-55 ~ +155°C	150V	300V	±0.05%	4.7Ω~1MΩ	±25 ±50
3A (2512)	1/2W				±0.10%	4.7Ω~3MΩ	
					±0.25% ±0.50%	1Ω~3MΩ	
2E (1210)	1/5W	-55 ~ +155°C	150V	300V	±0.05%	4.7Ω~1MΩ	±25 ±50
					±0.10%	4.7Ω~2.5MΩ	
					±0.25% ±0.50%	1Ω~2.5MΩ	