

# CHIP RESISTOR

## AC TYPE

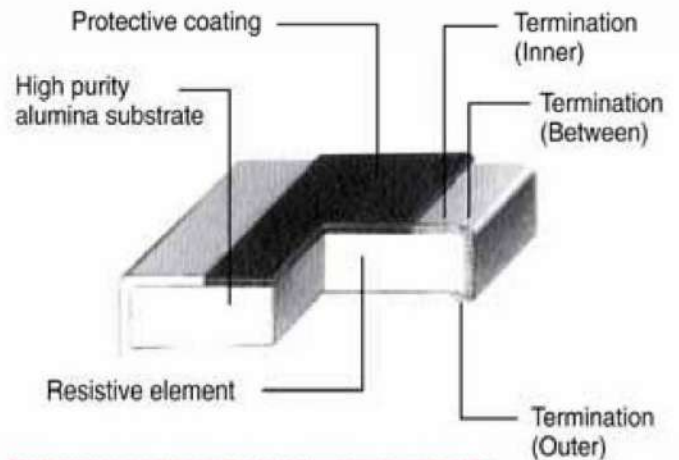
### INTRODUCTION

CHIP resistors consist of a deposited resistive paste on ceramic body and two wrapping end of the resistor to wave soldering.

### FEATURE

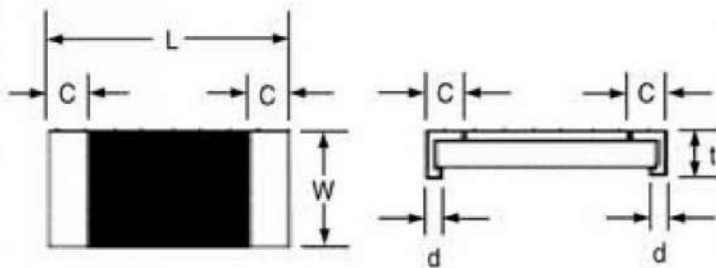
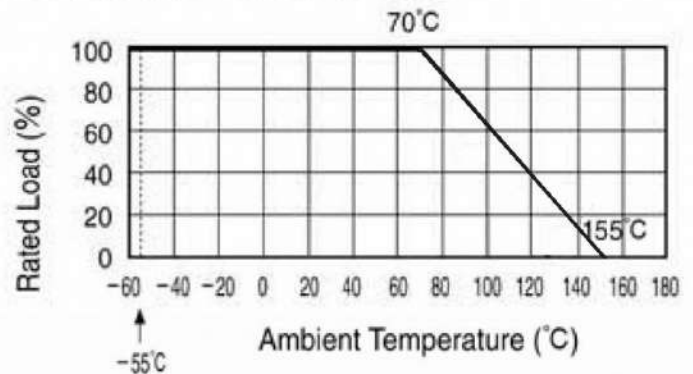
- AEC-Q200 Compliance
- Highly reliable multilayer electrode construction.
- Compatible with all soldering process.

### CONSTRUCTION AND MATERIALS



### POWER DERATING CURVE

For resistors operated in ambient temperatures above 70°C, power rating must be derated in accordance with the curve below.



### DIMENSIONS

Unit: mm

TYPE	L	W	t	c	d
AC0201	0.60±0.10	0.30±0.05	0.25±0.05	0.15±0.10	0.15±0.10
AC0402	1.00±0.10	0.50±0.05	0.30±0.10	0.20±0.10	0.20±0.10
AC0603	1.60±0.10	0.80±0.10	0.40±0.10	0.30±0.20	0.30±0.15
AC0805	2.00±0.10	1.25±0.10	0.50±0.15	0.35±0.20	0.35±0.15
AC1206	3.20±0.20	1.60±0.10	0.55±0.15	0.45±0.20	0.45±0.25
AC1210	3.20±0.20	2.50±0.15	0.55±0.15	0.50±0.25	0.50±0.25
AC2010	5.00±0.10	2.50±0.15	0.55±0.15	0.60±0.25	0.60±0.25
AC2512	6.30±0.20	3.20±0.20	0.55±0.15	0.60±0.25	0.60±0.25

### RATINGS

TYPE	AC0201	AC0402	AC0603	AC0805	AC1206	AC1210	AC2010	AC2512
POWER	1/20W	1/16W	1/10W	1/8W	1/4W	1/3W	3/4W	1W
Maximum Working Voltage	25V	50V	50V	150V	200V	200V	200V	200V
Maximum Overload Voltage	50V	100V	100V	300V	400V	400V	400V	400V
Dielectric Withstand Voltage	50V	100V	100V	300V	500V	500V	500V	500V
Operating Temp. Range	-55°C~+125°C							
Resistance Range	±5%			±1%		±0.5%	±0.1%	
	1Ω~10MΩ			10Ω~1MΩ		100Ω~100KΩ		