

Anti Surge (AS) /High Precision Anti Surge (PS) Thick Film



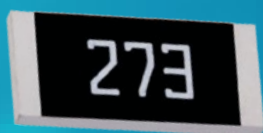
Alternative for:

Vishay : CRCWxxxx-IF, CRCWxxxx-HP e3

Yageo: SRxxxx_7W, SRxxxx_7T

Features:

- AEC-Q200 Compliant
- Superior Anti-Surge Voltage performance
- Wave & Re-flow soldering
- Precision Anti-Surge (PS series)



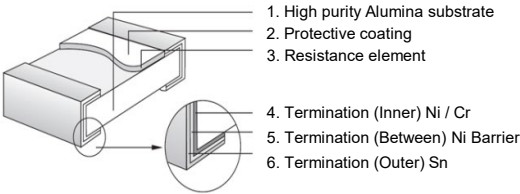
Application:

- Metering
- AV adapters
- LCD back-light
- Power Supply
- Chargers / Inverters
- Monitors
- Automotive
- Consumer Electronics

IATF 16949
ISO 14001



Anti-Surge (AS) Thick Film

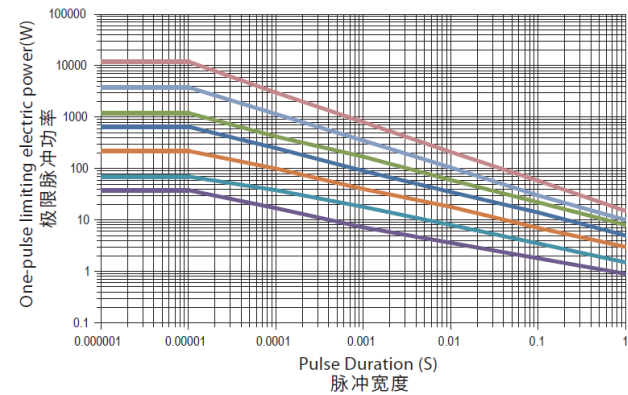


Operating Temperature -55 ~ +155°C

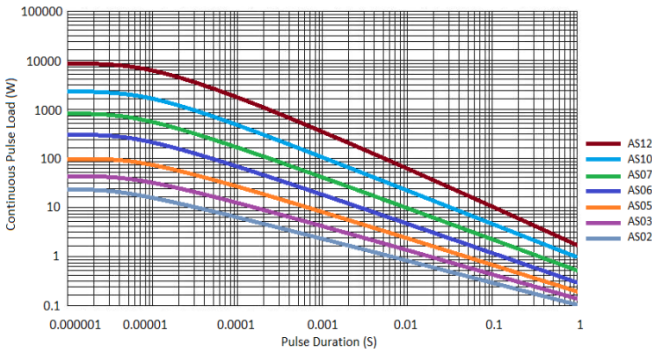
Type	Size	Power (70°C)	Max Working Voltage	Max Over load Voltage	Dielectric Withstanding Voltage	Tolerance	Resistance Range
AS02	0402	1/8W	50V	100V	100V	5% 10% 20%	1Ω~10M 1Ω≤R≤10Ω: ±400ppm/°C 10Ω<R≤10M: ±100ppm/°C
AS03	0603	1/4W	75V	150V	300V		
AS05	0805	1/2W	150V	300V	500V		
AS06	1206	0.6W	200V	400V	500V		
AS07	1210	3/4W	200V	500V	500V		
AS10	2010	1.55W	400V	800V	500V		
AS12	2512	2W	500V	1000V	500V		

AS Single Pulse

AS-Series Anti-Surge Thick Film Chip Resistors

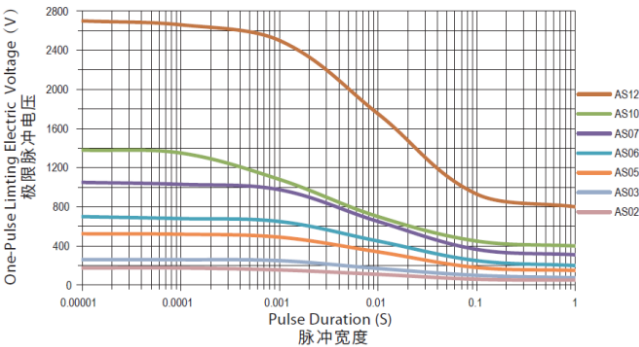


AS Continuous Pulse



Pulse Voltage Limit

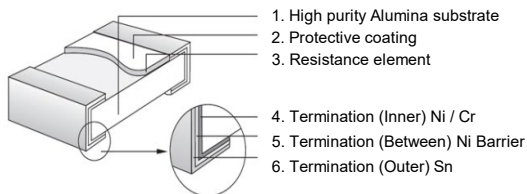
AS-Series Anti-Surge Thick Film Chip Resistors



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High Precision Anti-Surge (PS) Thick Film

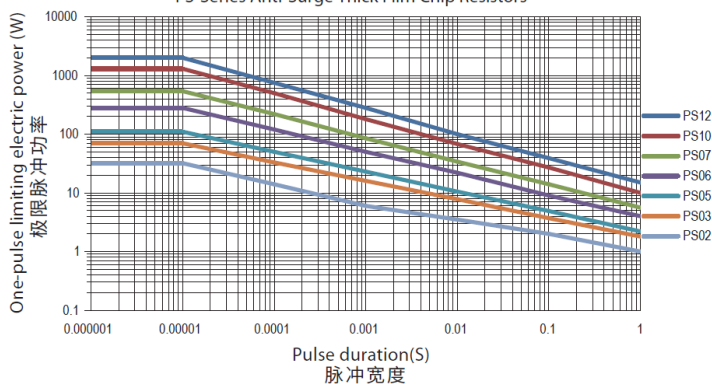


Operating Temperature -55 ~ +155°C

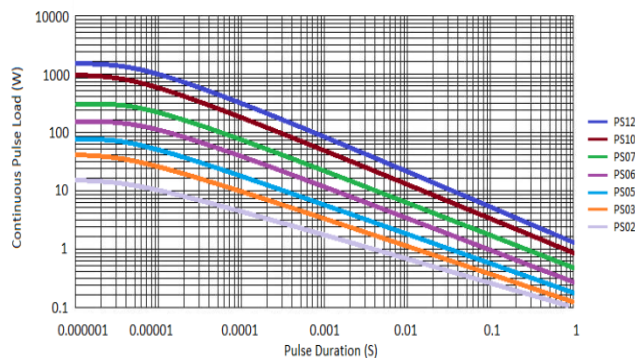
Type	Size	Power (70°C)	Max Working Voltage	Max Over load Voltage	Dielectric Withstanding Voltage	Tolerance	Resistance Range
PS02	0402	1/8W	50V	100V	100V	1% 5%	1Ω~10M PS02: 1Ω~10Ω: ±400PPM/°C 11Ω~100Ω: ±200PPM/°C 100Ω: ±100PPM/°C PS03, PS05, PS06, PS07, PS10, PS12: ±100ppm/°C
PS03	0603	1/4W	50V	100V	300V		
PS05	0805	1/3W	150V	300V	500V		
PS06	1206	1/2W	200V	400V	500V		
PS07	1210	3/4W	200V	500V	500V		
PS10	2010	1.25W	400V	800V	500V		
PS12	2512	2W	500V	1000V	500V		

PS Single Pulse

PS-Series Anti-Surge Thick Film Chip Resistors

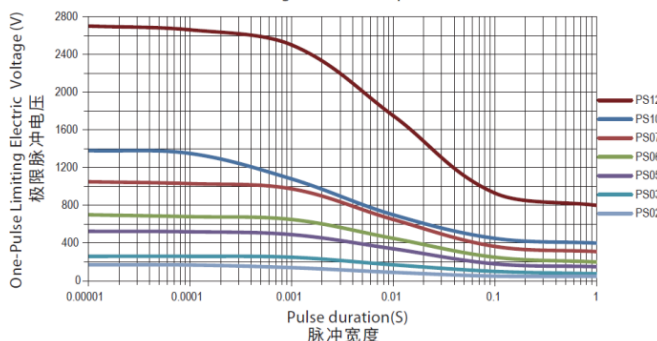


PS Continuous Pulse



Pulse Voltage Limit

PS-Series Anti-Surge Thick Film Chip Resistors



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