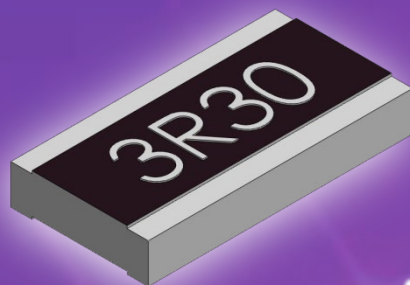


Wide Terminal Thick Film (WR Series)



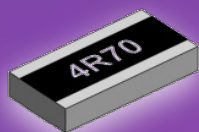
Features:

- Comply with AEC-Q200
- High Power
- Suitable for both wave & re-flow soldering



Application:

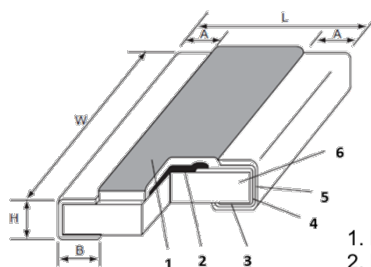
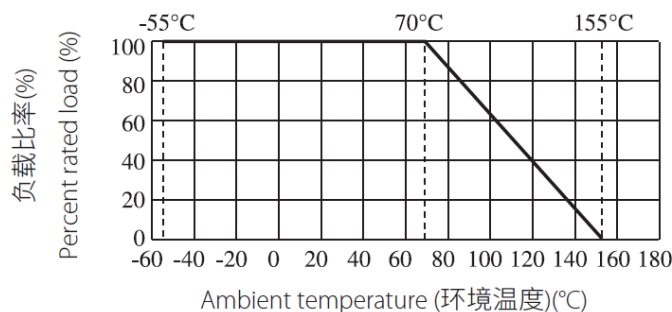
- Consumer Electronics
- Printer
- Power Supply
- Lighting
- Automotive / EV Charging
- BLDC Motors
- Alarms & securities



Wide Terminal Thick Film (WR Series)



Derating Curve



1. Protective layer
2. Resistive Element
3. Termination (Inner) Ni / Cr
4. Termination (Between) Ni
5. Termination (Outer) Sn
6. High purity Alumina substrate

Dielectric Withstanding Voltage : 500V

Type	Power (70°C)	Resistance Range 1%,5%	Max Working Voltage	Max Over load Voltage	T.C.R.
WR08 (0508)	1/3W	10Ω ~ 1M	150V	300V	10Ω : ±400 10Ω~100Ω: ±200 >100Ω: ±100
	2/3W	10mΩ ~ <10Ω	/	/	10Ω~ <30mΩ: ±400 >30Ω~ 10Ω: ±150
	/	Jumper<50mΩ	4A	8A	/
WR12 (0612)	1/2W	>10Ω ~ 1M	200V	400V	10Ω~100Ω: ±200 >100Ω: ±100
	1W	10mΩ ~ 10Ω	/	/	10Ω~ <100mΩ: ±200 100mΩ~ 10Ω: ±150
	/	Jumper<50mΩ	5A	10A	/
WR20 (1020)	1W	>1Ω ~ 1M	200V	400V	1Ω~ 10Ω : ±400 <10Ω~100Ω: ±200 >100Ω: ±100
		10mΩ ~ 1Ω	/	/	10Ω~ <30mΩ: ±200 30Ω~ 1Ω: ±100
	/	Jumper<50mΩ	6A	12A	/
WR18 (1218)	1W	10mΩ ~ 1MΩ	200V	400V	10Ω~ <30mΩ: ±200 30Ω~ 1Ω: ±100 1Ω~ 10Ω : ±400 <10Ω~100Ω: ±200 >100Ω: ±100
	/	Jumper<50mΩ	6A	10A	/
WR25 (1225)	2W	>1Ω ~ 1M	200V	400V	1Ω~ 10Ω : ±400 <10Ω~100Ω: ±200 >100Ω: ±100
	3W	10mΩ ~ 1Ω	/	/	10Ω~ <30mΩ: ±150 30Ω~ 1Ω: ±100
	/	Jumper<50mΩ	6A	15A	/



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ISO 14001**

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