

Ultra High Power Thick Film (SP Series)



Feature:

- High power rating up to 6 watts
- Patent No:I566261(SP12)
- AEC-Q200 compliant
- Suitable for both wave & re-flow soldering

Application:

- Lighting converter/beacon
- Automotive
- Consumer electronics
- LCD back light
- Power supply/tools
- Medical
- Battery Chargers
- Telecom Equipment
- Digital Cameras
- Computer
- Wi Fi modules
- Security



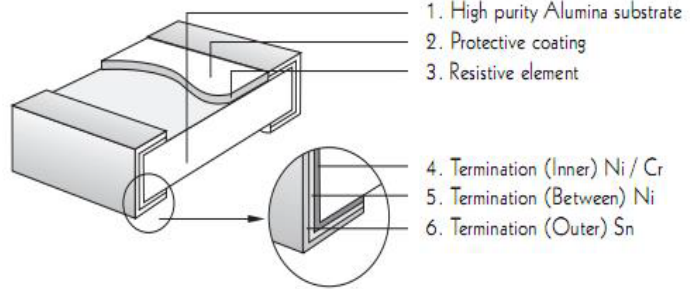
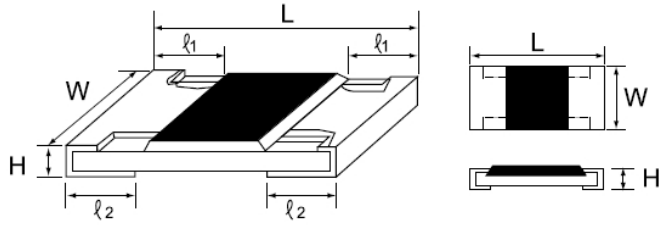
IATF 16949
ISO 14001

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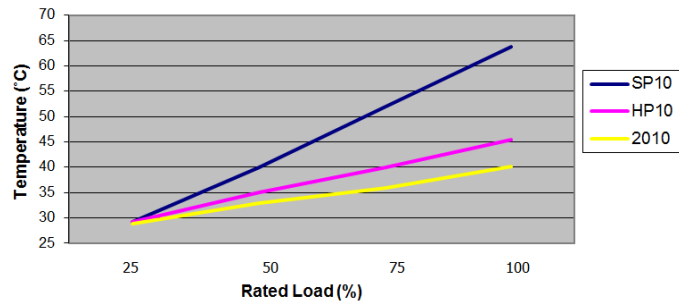
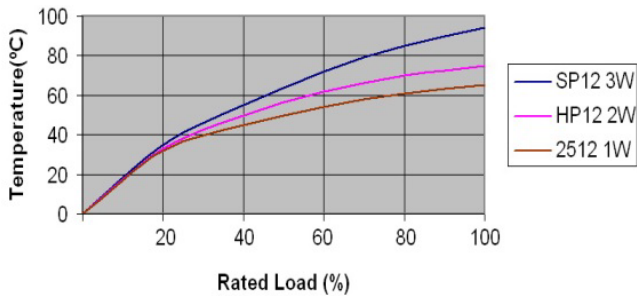


ROYALOHM

Dimension



Heat Rise Chart



Power Rate Comparison

Power (70°C)				L (mm)	W (mm)	H (mm)	Resistance Range 1%,5%
Size	Standard	HP	SP				
0402	1/16W	1/10W	-	1.00±0.10	0.50±0.05	0.35±0.05	1Ω~10M
0603	1/10W	1/5W	-	1.60±0.10	0.80 ^{+0.15} _{-0.10}	0.45±0.10	1Ω~10M
0805	1/8W	1/3W	-	2.00±0.15	1.25 ^{+0.15} _{-0.10}	0.55±0.10	1Ω~10M
1206	1/4W	1/2W	-	3.10±0.20	1.55±0.15	1.00±0.20	1Ω~10M
2010	3/4W	1W	2W	5.00±0.10	2.50±0.15	1.10±0.10	1Ω~10M
2512	1W	2W	3W	6.35±0.10	3.20±0.15	1.10±0.10	1Ω~10M
2817	-	-	4W	7.10±0.30	4.20±0.20	1.10±0.10	1Ω~10M
4320	-	-	5W	11.00±0.30	5.00±0.25	1.10±0.10	1Ω~10M
4527	-	-	6W	11.60±0.30	6.85±0.25	1.10±0.10	1Ω~10M



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