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Subject: *Pulse Power capabilities of Thick Film Chip Resistors and MELF Resistors*

Thick Film Chip Resistors
Single Pulse Rating



Case Size	NRC 100mS/1mS	NRCP 100mS/1mS	NRCPS 100mS/1mS	NRCPH 100mS/1mS
0603	2.0W/3.9W	4.5W/25W	5W/35W	5W/40W
0805	3.2W/6.8W	2.5W/9W	10W/55W	10W/55W
0805H	N/A	7.0W/40W	N/A	N/A
1206	5.0W/12W	4.5W/19W	19W/110W	19W/130W
1206H	N/A	11W/70W	N/A	N/A
1210	4.5W/18W	18W/160W	25W/120W	31W/250W
2010	12W/50W	25W/300W	N/A	N/A
2512	22W/98W	48W/700W	N/A	N/A

MELF Resistors



Case Size	Single Pulse Rating	Continuous Pulse Rating
	NFR 100mS/1mS	NFR 100mS/1mS
0102 (0805)	10W/100W	8W/70W
0204 (1406)	7W/50W	3.5W/28W
0207 (2410)	15W/120W	14W/98W

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