

Item Type	Power Rating at 70°C	Operating Temp. Range	Max Operating Voltage	Max Overloading Voltage	Resistance Tolerance		Resistance Range	TCR (PPM/°C)
CR01 (0201)	1/20W	-55 ~ +125°C	15V	30V	E96	1%	10Ω~1MΩ	200
					E24			
CR02 (0402)	1/16W	-55 ~ +125°C	50V	100V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	200
1.1MΩ~10MΩ	200							
CR03 (0603)	1/10W	-55 ~ +155°C	50V	100V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
1.1MΩ~10MΩ	200							
CR05 (0805)	1/8W	-55 ~ +155°C	150V	300V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
1.1MΩ~10MΩ	200							
CR06 (1206)	1/4W	-55 ~ +155°C	200V	400V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
CR12 (1210)	1/3W	-55 ~ +155°C	200V	400V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
1.1MΩ~10MΩ	200							
CR10 (2010)	1/2W	-55 ~ +155°C	200V	400V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
1.1MΩ~10MΩ	200							
CR25 (2512)	1W	-55 ~ +155°C	200V	400V	E96	1%	1Ω~9.76Ω	200
					E24		10Ω~1MΩ	100
					E24	5%	1Ω~9.76Ω	200
							10Ω~1MΩ	100
1.1MΩ~10MΩ	200							

Resistor

item Type	Power Rating at 70°C	Operating Temp. Range	Max Operating Voltage	Max Overloading Voltage	Resistance Tolerance	Resistance Range	TCR (PPM/°C)
TF02 (0402)	1/16W	-55 ~ +155°C	25V	50V	±0.10% ±0.25% ±0.50%	10Ω~100KΩ	±25 ±50
TF03 (0603)	1/16W	-55 ~ +155°C	50V	100V	±0.10% ±0.25% ±0.50%	10Ω~332KΩ	±25±50
TF05 (0805)	1/10W	-55 ~ +155°C	100V	200V	±0.10% ±0.25% ±0.50%	4.7Ω~1MΩ	±25±50
TF06 (1206)	1/8W	-55 ~ +155°C	150V	300V	±0.10% ±0.25% ±0.50%	4.7Ω~1MΩ	±25±50
TF10 (2010)	1/4W	-55 ~ +155°C	150V	300V	±0.10% ±0.25% ±0.50%	4.7Ω~1MΩ	±25±50
TF12 (2512)	1/2W	-55 ~ +155°C	150V	300V	±0.10% ±0.25% ±0.50%	4.7Ω~1MΩ	±25±50

Tighter tolerance: ± 0.05%, ± 0.01

Lower Resistance: 1~10Ω;

Lower TCR : 5 PPM/°C , 10 PPM/°C, 15 PPM/°C

Higher Power Rating

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Current Sensing

Item Type	Power Rating at 70°C	Operating Temp. Range	Resistance Tolerance	Resistance Range	TCR (PPM/°C)
CS02 (0402)	1/16W	-55 ~ +155°C	±1%	50mΩ~100mΩ	±400
				101mΩ~500mΩ	±300
			±2%	501mΩ~1000mΩ	±200
CS03 (0603)	1/10W		±5%	20mΩ~50mΩ	±600
				51mΩ~100mΩ	±400
				101 mΩ~500mΩ	±300
CS05 (0805)	1/8W			501mΩ~1000mΩ	±200
				20mΩ~50mΩ	±600
				51mΩ~100mΩ	±400
CS06 (1206)	1/4W			101mΩ~500mΩ	±300
			501mΩ~1000mΩ	±200	
			10mΩ~20mΩ	±600	
CS10 (2010)	1/2W		21mΩ~50mΩ	±400	
CS12 (2512)	1W		51mΩ~500mΩ	±300	
			501mΩ~1000mΩ	±200	
CS25 (1225)	3W		5mΩ~49mΩ	±600	
			50mΩ~200mΩ	±200	
CS37 (3720)	1W		10mΩ~500mΩ	±300	
CS75 (7520)	2W		1mΩ~500mΩ	±300	

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Ultra Low Ohm (Metal Strip) Chip Resistor – LR Series

美隆電子有限公司

Item Type	Power Rating at 80°C	Operating Temp. Range	Tolerance (±%)	Resistance (mΩ)	TCR (PPM/°C)
LR12 (2512)	1W	-55°C ~ +170°C	1,3,5	0.5~2.0	50
LR12 (2512)	1W	-55°C ~ +170°C	1,3,5	2.5~7.0	100
LR12 (2512)	1W	-55°C ~ +170°C	1,3,5	10	100
LR12 (2512)	2W	-55°C ~ +170°C	1,3,5	0.5~2.0	50
LR12 (2512)	3W	-55°C ~ +170°C	1,3,5	0.5	400
LR12 (2512)	3W	-55°C ~ +170°C	1,3,5	0.75	100
LR12 (2512)	3W	-55°C ~ +170°C	1,3,5	1.0~20	50