

Current Sensing Resistors / 电流感测电阻

Series No.	Product images	Model	Pr(Watt)	Ro(mΩ)	Rt(%)	TCR(ppm)
			Power rating at 70°C or below	Device normal resistance	Normal resistance tolerance	Temperature coefficient of resistance
MSH Series						
	1206-□-1W0-R□□□-□	1.0	4, 5, 10, 15	±0.5, ±1	±75	
	2512-□-2W0-R□□□-□	2.0	0.5~56	±0.5, ±1	±50~150	
	2512-□-3W0-R□□□-□	3.0	0.5~56	±0.5, ±1	±50~150	
MSHL / MSHL-Auto Series						
	2512-□-2W0-R□□□-□	2.0	1~25	±0.5, ±1	±50~±100	
	2512-□-3W0-R□□□-□	3.0	1~25	±0.5, ±1	±50~±100	
	2512-□-□W□-R□□□-Auto	2.0 / 3.0	1~10	±1	±50~±100	
MSTC Series						
	0201-□-0W2-R□□□-□	0.2	10, 20	±0.5, ±1	±100~±250	
	0402-□-0W□□-R□□□-□	0.25~0.33	2.5~50	±0.5, ±1	±100~±150	
	0603-□-0W33-R□□□-□	0.33	2~20	±0.5, ±1	±75~±150	
	0805-□-0W5-R□□□-□	0.5	1~20	±1	±50~±150	
	1206-□-1W0-R□□□-□	1.0	1~20	±1	±50~±75	
MHTC Series						
	0805-□-1W0-R□□□-□	1.0	1~5	±1	±50~±150	
	1206-□-1W0-R□□□-□	1.0	1~5	±1	±100	
Series No.	Product images	Model	Rmax (mΩ)	I _{max} (A)	Ri (MΩ)	Ta (°C)
			Device maximum free chip resistance	Max. Current allowed in circuit at 70°C	Insulation resistance between protective layer and resistive element	Rated ambient temperature
MSTJ Series						
	MSTJ0201	1.0	8	>100	70	
	MSTJ0402	0.5	20	>100	105	
	MSTJ0603	0.2	26	>100	105	
	MSTJ0805	0.2	35	>100	105	
	MSTJ1206	0.2	40	>100	105	

Shunt Resistors / 分流电阻

Series No.	Product images	Model	Pr (Watt)	Ro (mΩ)	Rt (%)	TCR (ppm)
			Power rating at 70°C or below	Device normal resistance	Normal resistance tolerance	Temperature coefficient of resistance
MSU / MSU-Auto Series						
	2512-□-□W□-R□□□-□	4~6	0.2~4	±1, ±5	±50~±200	
	3921-□-□W□-R□□□-□	5~10	0.2~4	±1, ±5	±50~±150	
	5931-□-□W□-R□□□-□	7~15	0.2~3	±1, ±5	±50~±125	
	2512-□-□W□-R□□□-Auto	3~6	0.2~4	±1, ±5	±50~±200	
	3921-□-□W□-R□□□-Auto	4~10	0.2~4	±1, ±5	±50~±150	
	5931-□-□W□-R□□□-Auto	4~15	0.2~3.0	±1, ±5	±50~±125	
MFUB Series						
	1216-M-□W□-R□□□-□	7~10	0.3/0.5/1.0	±1, ±5	±50~±75	
Other Series						
	MBUOM52200M10J	15	0.1	±5	±200	
	MBUOM85180M10FAuto	7	0.1	±1	±100	
	MBSRM8436M050FM3	12.5	0.05	±1	±50	
	MBURM8436M032JH4	45	0.032	±5	±50	
	MBUS8420-36W0-R□□□-□	36	0.05 / 0.1	±5	±50	