

Product Type	Series	Case Sizes (in.)	Current Rating (A)	Power Rating	Resistance Range	Tolerance
METAL FOIL • Low Profile • Automotive Options	CPA • High Volume	0508	5 ~ 12.91	0.5W	3mΩ~20mΩ	1.0%
		0612	6.32~ 44.72	1W	0.5mΩ~25mΩ	0.5%~1.0%
	CPC • Small Case Size	0306	3.63~18.17	0.33W	1mΩ~25mΩ	1.0%
	CPP • High Power	0612	7.75~54.77	1.5W	0.5mΩ~25mΩ	0.5%~1.0%
	WRL-L4 • Standard Footprint • Precision Sensing	1206	2.24 ~ 31.62	0.5W	0.5mΩ~100mΩ	0.3%~1.0%
		2512	1.82~25.69	0.33W~1W	0.5mΩ~100mΩ	0.5%~1.0%

2 TERMINAL RESISTORS

METAL PLATE • High Power Handling • Precision Sensing	MPA2512 • Automotive Option	2512	5.98~77.46	2W/3W	0.5mΩ~56mΩ	0.5%~1.00%
	WLM	0805 · 1206 · 2512	1.22~77.5	0.75W~3W	0.5mΩ~500mΩ	0.5%~5.0%
		2725 · 2728 · 4527	2~100	2W~5W	0.5mΩ~500mΩ	0.5%~5.0%

TFT's Current Sense Resistors offer cutting edge innovation in both 4-terminal and 2-terminal construction. All of our products are inherently anti-sulfur. Our sales engineering model works with you to provide the best component solution to achieve your project needs. Find out more on thin-film.com.

Note: This guide is a product overview, not exact electrical specification. Please refer to product series specification for electrical characteristics and orderable part number.

Product Type	Series		Case Sizes (in.)	Current Rating (A)	Power Rating	Resistance Range	Tolerance
METAL FOIL • Low Profile • Automotive Options	WEL • Wrapped Terminals	Short Side Electrodes	0603 · 0805 · 1206	0.85~18.26	0.5W~1W	3mΩ~700mΩ	0.5%~1.0%
			2010 · 2512 · 4320 4527	1.46~44.72	1.5W~4W	2mΩ~700mΩ	0.5%~1.0%
		Long Side Electrodes	0508 · 0612 · 0815 1020	3.16~44.72	1W~2W	1mΩ~100mΩ	0.5%~1.0%
			1225 · 0830 · 1530 1836 · 2043	5.48~70.71	3W~5W	1mΩ~100mΩ	0.5%~1.0%
	WKL • Non-Wrapped Terminals	Short Side Electrodes	0603 · 0805 · 1206	0.85~18.2	0.5W~1W	3mΩ~700mΩ	0.5%~1.0%
			2010 · 2512 · 4320 4527	1.46~44.72	1.5W~4W	2mΩ~700mΩ	0.5%~1.0%
		Long Side Electrodes	0508 · 0612 · 0815 1020	3.16~44.72	1W~2W	1mΩ~100mΩ	0.5%~1.0%
			1225 · 0830 · 1530 1836 · 2043	5.48~70.71	3W~5W	1mΩ~100mΩ	0.5%~1.0%
	MPC • Ultra Low Profile • Small Case Sizes		0201 · 0402 · 0603 0805 · 1206	3.16~31.62	0.25W~1W	1mΩ~25mΩ	0.5%~1.0%
Product Type	Series		Case Sizes (in.)	Max Current (A)		Max Resistance	
HIGH CURRENT JUMPERS • Small Case Size • 0.5mΩ Max	LPC • Metal Foil Technology • Small Case Sizes		0201 · 0402 · 0603 0805 · 1206	8 ~ 40		Max 0.2mΩ/Max 0.5mΩ	
	WLM2512 • Metal Plate Technology • High Current Handling		2512	70.7~122.4		Max 0.2mΩ	