

	Series	Case Sizes (in.)	Current Rating (A)	Power Rating	Resistance Range	Tolerance
METAL FOIL • Low Profile • Precision Sensing	FCP • High Power • Low ohm	0508	5 ~ 12.9	0.5W	1mΩ ~ 2mΩ	1.0%
	CPA • High Volume • Low ohm	0612	6.3 ~ 44.7	1W	0.5mΩ ~ 25mΩ	0.5% ~ 1.0%
INHERENTLY ANTI-SULFUR	CPC • High Power • Small Case Size	0306	3.6 ~ 18.2	0.33W	1mΩ ~ 50mΩ	1.0%
AUTOMOTIVE OPTIONS	CPP • High Power	0612	7.7 ~ 54.8	1.5W	0.5mΩ ~ 50mΩ	0.5% ~ 1.0%
	WRL-L4 • Standard Footprint	1206	2.2 ~ 31.6	0.5W	0.5mΩ ~ 100mΩ	0.3% ~ 1.0%
		2512	3.2 ~ 25.7	0.33W ~ 1W	0.5mΩ ~ 100mΩ	0.5% ~ 1.0%

	Series	Case Sizes (in.)	Max Current (A)	Max Resistance
JUMPERS • Low Ohm • Precision Sensing	LPC • Metal Foil Technology • Small Case Sizes	0201 · 0402 · 0603 · 0805 · 1206	8 ~ 40	Max 0.2mΩ/ Max 0.5mΩ
	WLM • Metal Plate Technology • High Current Handling	0805 · 1206 · 2512	70 ~ 100	Max 0.2mΩ

TFT's Current Sense Resistors offer cutting edge innovation in both 4-terminal and 2-terminal construction. 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.

2 TERMINAL RESISTORS

	Series		Case Sizes (in.)	Current Rating (A)	Power Rating	Resistance Range	Tolerance
METAL FOIL • Low Profile • Precision Sensing	WEL • Wrapped Terminals	Short Side Electrodes	0603 · 0805 · 1206	1.2 ~ 18.3	0.5W ~ 1W	3mΩ ~ 700mΩ	0.5% ~ 1.0%
			2010 · 2512 · 4320 · 4527	1.5 ~ 44.7	1.5W ~ 4W	2mΩ ~ 700mΩ	0.5% ~ 1.0%
		Long Side Electrodes	0508 · 0612 · 0815 · 1020	3.2 ~ 44.7	1W ~ 2W	1mΩ ~ 100mΩ	0.5% ~ 1.0%
			1225 · 0830 · 1530 · 1836 · 2043	5.5 ~ 70.7	3W ~ 5W	1mΩ ~ 100mΩ	0.5% ~ 1.0%
INHERENTLY ANTI-SULFUR AUTOMOTIVE OPTIONS	WKL • Non-Wrapped Terminals	Short Side Electrodes	0603 · 0805 · 1206	1.2 ~ 18.3	0.5W ~ 1W	3mΩ ~ 700mΩ	0.5% ~ 1.0%
2010 · 2512 · 4320 · 4527			1.5 ~ 44.7	1.5W ~ 4W	2mΩ ~ 700mΩ	0.5% ~ 1.0%	
		Long Side Electrodes	0508 · 0612 · 0815 · 1020	3.2 ~ 44.7	1W ~ 2W	1mΩ ~ 100mΩ	0.5% ~ 1.0%
			1225 · 0830 · 1530 · 1836 · 2043	5.5 ~ 70.7	3W ~ 5W	1mΩ ~ 100mΩ	0.5% ~ 1.0%
	MPC • Ultra Low Profile • Small Case Sizes		0201 · 0402 · 0603 · 0805 · 0508 · 1206	3.5 ~ 31.6	0.25W ~ 1W	1mΩ ~ 50mΩ	0.5% ~ 1.0%
METAL PLATE • High Power Handling • Precision Sensing	MPA WLM		0603 · 0805 · 1206	5.7 ~ 31.6	0.33W ~ 1W	1mΩ ~ 15mΩ	1.0% ~ 5.0%
			2512	6.3 ~ 54.7	2W	0.50mΩ ~ 56mΩ	0.5% ~ 1.0%
			0805 · 1206 · 2512	8.2 ~ 77.5	0.75W ~ 3W	0.5mΩ ~ 500mΩ	0.5% ~ 5.0%
			2725 · 2728 · 4527	2 ~ 126.5	2W ~ 5W	0.5mΩ ~ 500mΩ	0.5% ~ 5.0%
THICK FILM • General Purpose • Commodity	KGL		0805 · 1206 · 1225	2.2 ~ 12.2	0.5W ~ 3W	10mΩ ~ 100mΩ	1.0% ~ 5.0%
	TFEL		0603 · 0805 · 1206 · 1210 · 2010 · 2512	0.01 ~ 10	0.13W ~ 1W	10mΩ ~ 910mΩ	1.0% ~ 5.0%