

	Series	Case Sizes (in.)	Current Rating (A)	Power Rating	Resistance Range	Tolerance
METAL FOIL • Low Profile • Precision Sensing	CPA • High Volume • Low Ohm	0508	5 ~ 12.9	0.5W	3mΩ ~ 20mΩ	1.0%
		0612	6.3 ~ 44.7	1W	0.5mΩ ~ 25mΩ	0.5% ~ 1.0%
INHERENTLY ANTI-SULFUR AUTOMOTIVE OPTIONS	CPC • High Power • Small Case Size	0306	3.6 ~ 18.2	0.33W	1mΩ ~ 25mΩ	1.0%
		0612	7.7 ~ 54.8	1.5W	0.5mΩ ~ 25mΩ	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%

0 Ω JUMPERS

	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

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.

	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	WKL • Non-Wrapped Terminals	Short Side Electrodes	0603 · 0805 · 1206	1.2 ~ 18.3	0.5W ~ 1W	3mΩ ~ 700mΩ	0.5% ~ 1.0%
AUTOMOTIVE OPTIONS			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 ~ 25mΩ	0.5% ~ 1.0%
METAL PLATE • High Power Handling • Precision Sensing	MPA		0603 · 0805 · 1206	5.7 ~ 31.6	0.33W ~ 1W	1mΩ ~ 15mΩ	1.0% ~ 5.0%
	MPA*2512		2512	6.3 ~ 54.7	2W / 3W	1mΩ ~ 50mΩ	1.00%
	WLM		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%