











## Matel Element - Shunt Resistors

**Wellcomp** provided low ohm shunt resistors are examples of the range of capabilities available. Hybrid packaging and surface-mounting practitioners will find these leadless devices to be useful solutions for current sensing in small spaces.

Photo	Model	Type / Size	Power Rating (Watts)	Resistance Range (mΩ)	Operation Temp. Range	TCR	AEC-Q200
	<b>NEW</b> MCSS1206	SMD 1206 Matel Element	1~2	$0.3 \leq R \leq 2$	-55~+170°C	±50~±150	YES
	MCSS2512	SMD 2512 Matel Element	1.5~3	$0.3 \leq R \leq 5$			YES
	MCSS3920	SMD 3920 Matel Element	2~5	$0.2 \leq R \leq 5$			YES
	MCSS5930	SMD 5930 Matel Element	6~10	$0.2 \leq R \leq 1$			YES
	MCSS2527	SMD 2527 Matel Element	6	0.1		±200	YES
	MCSS2725	SMD 2725 4 Terminal Matel Element	5	1		±50	YES
	<b>NEW</b> MCSS4026	SMD 4026 4 Terminal Matel Element	3	$0.5 \leq R \leq 1$		±50	YES
	<b>NEW</b> MCSS4512	SMD 2527 Matel Element	3	$5.0 \leq R \leq 10$		±50	YES
	MCSS4531	SMD 4531 Matel Element	3	0.226		±200	YES
	MCSS4622	SMD 4622 Matel Element	3	0.25		±200	YES

### Advantage and Feature

- High Power and Low Ohmic
- Low TCR and Low EMF
- Current Sense
- Battery Management
- Power Supply

### Benefits

- Competitive price
- Shorter lead time
- Competitive development lead time
- Excellent technical support

### Applications

- Power supplies
- Stepper motor drives
- Medical equipment (excluding life support)
- Automation equipment
- Car blower
- Input Amplifiers

