

Consistent Precision & Reliability



Precision Resistors

Made-to-Stock - High Performance - Short Delivery

The new platform of precision resistors

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Our new APR product line responds to market demands of trending applications like 5G or EV Charging equipment to provide offthe-shelf, A+ class, surface mount resistors in tape & reel packaging and power current-sense resistors with resistance values based on E24 & E96 codes complying with the AEC-Q200 qualification.

When better is good enough

With an increased level of APR components are the preferred choice for applications that are demanding, but not in need of utmost component performance. Building on decades of expertise in resistor manufacturing, we utilize the technology that meets the objective: metal strip, thin film, thick film, metal foil.

For higher performances, tighter specifications up to EEE/QPL levels, or any customization requirements, our customers can rely on our AA and AAA product lines. VPG Foil Resistors is your one-stop-shop for precision resistors. Contact us at foil@vpgsensors.com



SMD Resistors

Product	Model	Configuration	Resistance Range	Best Tolerance	TCR (-55°C to +125°C, +25°C ref.) Typical	Rated Power at +70°C	Load Life Stability 2000 Hours, +70°C Under Power-Typical
	VSMX Series	Wraparound Foil Resistor Sizes: 0603, 0805, 1206, 1506, 2010, 2512	10 Ω to 125 kΩ	±0.01%	±3 ppm/°C	to 0.4 W	±0.01%
	RWX Series	Wraparound Foil Resistor, Sizes: 0603, 0805, 1206	30 Ω to 30 kΩ	±0.01%	to ±5 ppm/°C	to 0.3 W	±0.005%
RAI SL-2 .01Q 5%	S SL Series	Molded, flexible termination construction Resistors, Wirewound (S Series), Metal Strip (SL Series)	$5~\text{m}\Omega$ to $50~\text{k}\Omega$	±0.01%	to ±20 ppm/°C	to 4 W	±1%
	CHM Series	Wraparound Thick Film Resistor, Sizes: 0805, 1206, 1210, 2010, 2512, 4020	100 kΩ to 10 TΩ	±0.25%	to ±25 ppm/°C	to 1.5 W	to ±0.25% (1000 hrs)
	CMF Series	Wraparound Thin Film Resistor, Sizes: 0603, 0805, 1206, 2512	5.1 Ω to 15 MΩ	±0.05%	to ±5 ppm/°C (+25°C to +85°C)	to 0.75 W	to ±0.1% (1000 hrs)
	CRS Series	Wraparound Thick Film Resistor, Sizes: 0402, 0603, 0805, 1206	0.1Ω to $500M\Omega$	±0.5%	to ±50 ppm/C (+25°C to +125°C)	to 0.25W	to ±0.5% (1000 hrs)

For more information regarding our products please contact foil @VPGsensors.com

Leaded Resistors

Product	Model	Configuration	Resistance Range	Best Tolerance	TCR (-55°C to +125°C, +25°C ref.) Typical	Rated Power at +70°C	Load Life Stability 2000 Hours, +70°C Under Power-Typical
net le	100 SM PC Series	Axial and radial leads molded wirewound resistors	10 Ω to 6 ΜΩ	0.005%	to ±2 ppm/°C	to 2 W	±0.01%
Tre dance	HTE Series	Axial leads conformal high voltage thick film coated resistors	1 kΩ to 700 MΩ	0.5%	±100 ppm/°C	to 15 W	±0.7%
	UT Series	Axial leads molded wirewound resistors	0.02 Ω to 320 k Ω	0.01%	to ±20 ppm/°C	to 15 W	to ±1%
GST2512 10ΜΩ 10%	GST Series	Power thick film molded resistors	1 ΜΩ to 1 ΤΩ	0.5%	to ±25 ppm/°C (+25°C to +85°C)	to 2 W	to ±0.5% (1000 hrs)
	MF2000 Series	Axial leads or MELF configuration, thin film molded resistors	1 Ω to 100 ΜΩ	0.05%	to ±25 ppm/°C	to 0.65 W	±0.5% (1000 hrs)

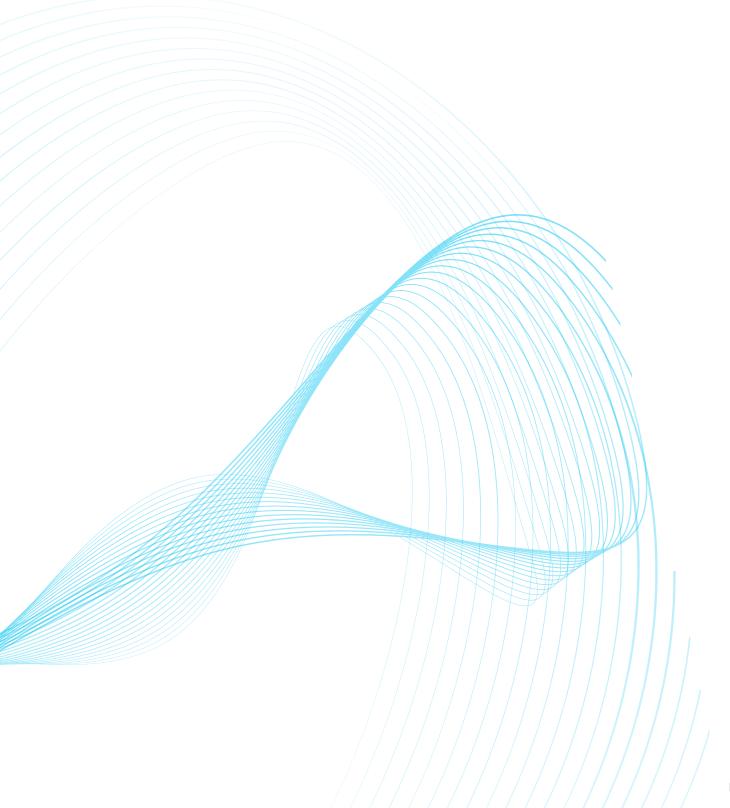
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Current Sense Resistors

Product	Model	Configuration	Resistance Range	Best Tolerance	TCR (-55°C to +125°C, +25°C ref.) Typical	Rated Power at +70°C	Load Life Stability 2000 Hours, +70°C Under Power-Typical
	CSM3637L	Metal Strip current sense SMD resistor	2 mΩ to 100 mΩ	±0.1%	to ±25 ppm/°C	to 3 W	±0.2%
	CSM2512L	Metal Strip current sense SMD resistor	5 mΩ to 200 mΩ	±0.1%	to ±25 ppm/°C	to 1 W	±0.2%
	MSR Series	Bare Metal Element Current Sense through- hole Resistors	5 mΩ to 100 mΩ	±1%	±20 ppm/C	to 5 W	-
	CSM2512A	Metal Strip current sense SMD resistor	0.2 mΩ - 5 mΩ	±1%	to ±25 ppm/°C	to 6 W	±0.5%
	CSM2726P	Metal Strip current sense SMD resistor	0.2 m Ω - 5 m Ω	±0.5%	to ±20 ppm/°C	to 12 W	±0.5%
	CSM2817	Metal Strip current sense SMD resistor	1 mΩ to 100 mΩ	±0.1%	to ±15 ppm/°C	5 W	±0.5%
	CSM3920A	Metal Strip current sense SMD resistor	0.2 mΩ - 5 mΩ	±1%	to ±25 ppm/°C	to 12 W	±0.5%
A.	CSM4026P	Metal Strip current sense SMD resistor	0.2 mΩ - 5 mΩ	±0.5%	to ±20 ppm/°C	to 12 W	±0.5%
	CSM5930A	Metal Strip current sense SMD resistor	0.1 mΩ - 3 mΩ	±1%	to ±25 ppm/°C	to 15 W	±0.5%

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Notes







AYPG Brand

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