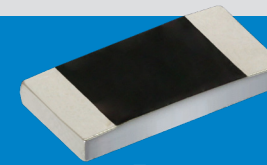




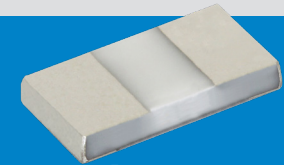
The DNA of tech.™

THE VISHAY ADVANTAGE AND WHY IT MATTERS... PRECISION HIGH POWER CHIP RESISTORS

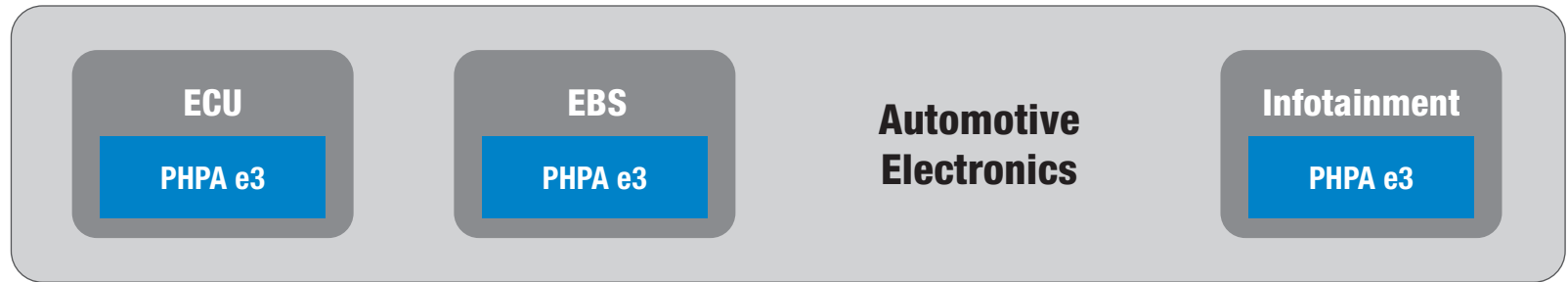
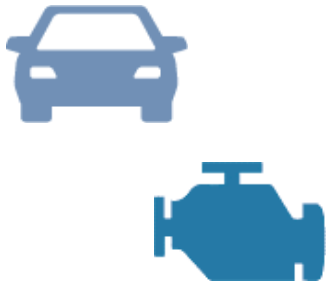
PHPA – Automotive-Qualified Precision High Power Chip Resistors



Top



Bottom



Product Family	Advantage	Why it Matters (Benefit to the Engineer)	Where Should it Be Considered?	Best Parameter / Example
PHPA series automotive-qualified precision high power chip resistors	Precision performance, higher rated dissipation than standard resistors of the same size	Significantly reduces board space and component counts by replacing larger or paralleled resistors	All professional high power applications requiring precision	Power handling: 1206: 1 W 2512: 2.5 W

Other Customer Benefits	How Is This Achieved?	Example Device / Details	Comments
<ul style="list-style-type: none"> AEC-Q200 qualified Space saving / reduced size 	Component design utilizing larger backside terminations	1206: 1 W, ± 0.1 % tolerance, ± 25 ppm/°C TCR 2512: 2.5 W, ± 0.1 % tolerance, ± 25 ppm/°C TCR	<ul style="list-style-type: none"> Available in any resistance value from 10 Ω to 30.1 kΩ Max. working voltage: 200 V