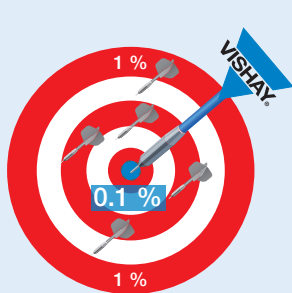




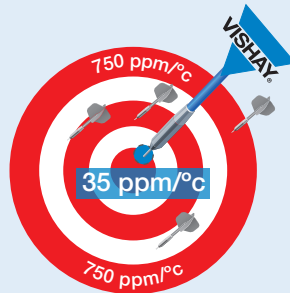
CURRENT SENSE RESISTORS FOR BATTERY MANAGEMENT AND SAFETY

IN A NUTSHELL

PRECISION AND ACCURACY / TCR

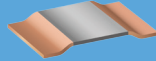
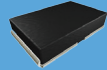


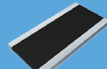



What is your tolerance to accuracy and precision?



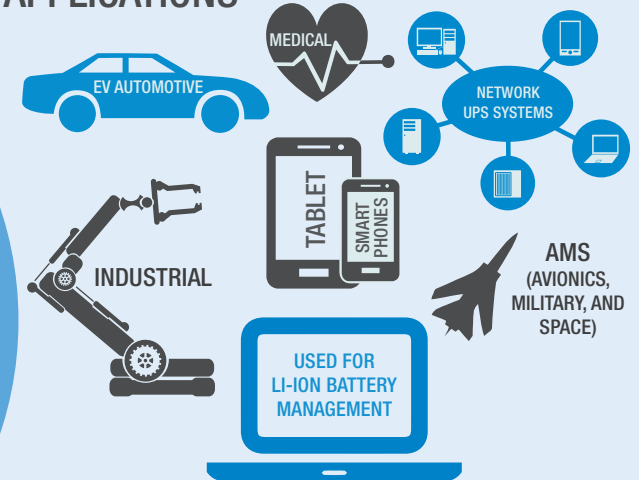
Does TCR ruin your design stability?

POWER METAL STRIP®

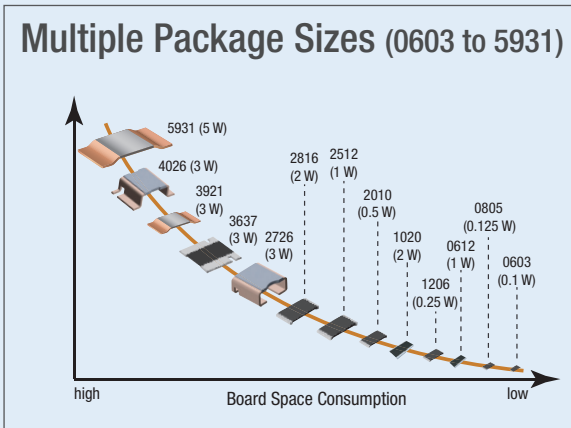
<p>WSLP5931</p>  <p>Low Resistance Value</p>	<p>WSHP2818</p>  <p>High Power Density</p>	<p>WSK1216</p>  <p>Kelvin 4-Terminal Connection</p>
<p>WSLP1206</p>  <p>Standard Size</p>	<p>WSL1020</p>  <p>Side Terminal</p>	<p>WSBS/WSBM8518</p>  <p>Large Shunts</p>

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APPLICATIONS

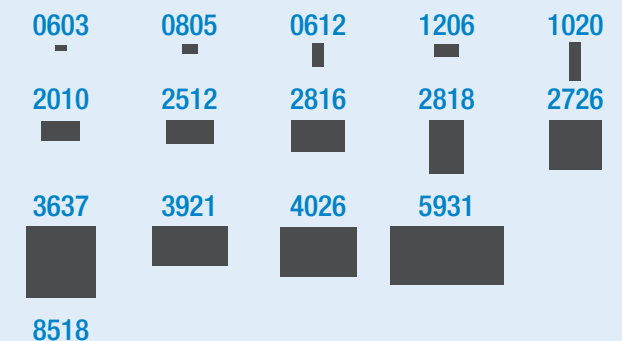


Power Metal Strip Advantages Over Thick Film	Power Metal Strip Advantages Over Thin Film
<ul style="list-style-type: none"> Pulse performance Better temperature derating Superior temperature stability (down to 35 ppm) Low thermal EMF (3 $\mu\text{V}/^\circ\text{C}$) RoHS-compliant without exemption 	<ul style="list-style-type: none"> High power (up to 36 W) Not ESD sensitive Lower solder joint stress Pulse performance
Power Metal Strip Advantages Over Commercial Foil	
<ul style="list-style-type: none"> Pulse performance Low CTE mismatch with PCB Low resistance (down to 0.05 mΩ) 	



FOOTPRINT

Shown at actual size



For Technical Questions: ww2bresistors@vishay.com