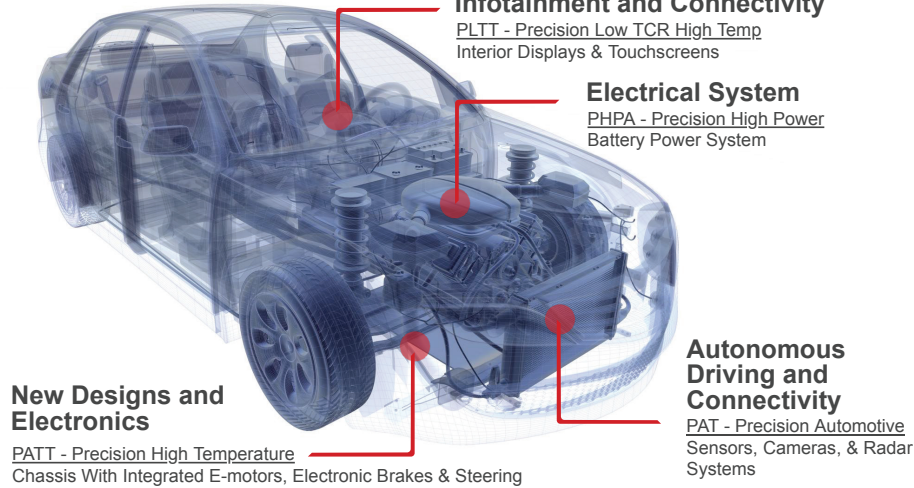




THIN FILM SURFACE-MOUNT CHIP RESISTORS

AEC-Q200 APPROVED

AUTOMOTIVE APPLICATIONS



Infotainment and Connectivity

PLTT - Precision Low TCR High Temp
Interior Displays & Touchscreens

Electrical System

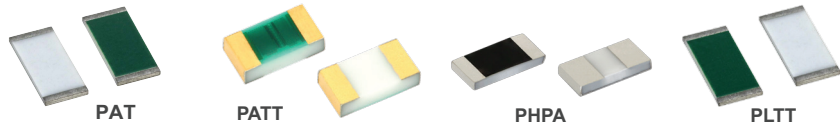
PHPA - Precision High Power
Battery Power System

Autonomous Driving and Connectivity

PAT - Precision Automotive
Sensors, Cameras, & Radar Systems

New Designs and Electronics

PATT - Precision High Temperature
Chassis With Integrated E-motors, Electronic Brakes & Steering



CAPABILITIES

HIGH TEMP

PATT
PLTT

PAT,
PHPA

HIGH POWER

PHPA

PAT,
PLTT,
PATT

HIGH PRECISION

PLTT

PAT,
PATT,
PHPA

	Case Sizes	Resistance Range (Ω)	TCR (PPM/°C)	Tolerance (%)	Power Rating (W)	Operating Temp. (°C)	Advantage
<u>PAT</u>	0402 to 2512	10 to 3 M	25	0.1 to 1.0	0.15 to 1	-55 to +155	<ul style="list-style-type: none"> Moisture-Resistant Ta2N Wide Resistance Range Multiple Case Size Options
<u>PATT</u>	0603 to 1206	1.0 to 1 M	25	0.1 to 1.0	0.05 to 0.4	-55 to +250	<ul style="list-style-type: none"> Moisture-Resistant Ta2N High Temperature Capability Long Term Stability
<u>PHPA</u>	1206, 2512	10 to 30.1 K	25	0.1 to 1.0	1 to 2.5	-55 to +155	<ul style="list-style-type: none"> Moisture-Resistant Ta2N High Power Capability, 2X Standard ESD Rated 5A (HBM)
<u>PLTT</u>	0603	75 to 130 K	5	0.02 to 0.1	0.15	-55 to +215	<ul style="list-style-type: none"> High Precision High Temperature Capability

For technical questions: thinfilm@vishay.com