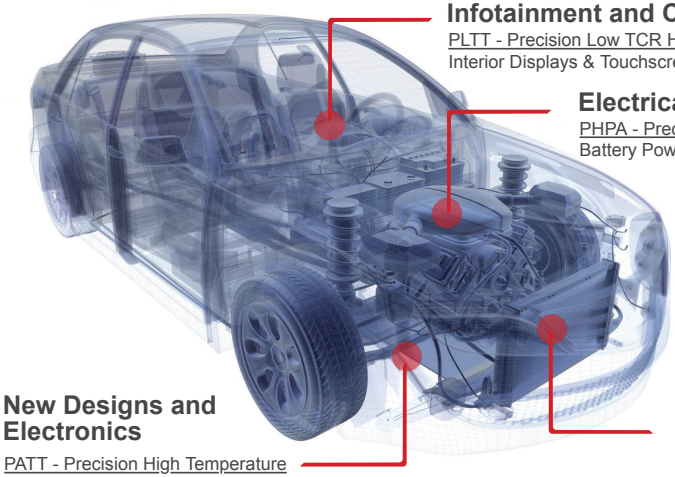
THIN FILM SURFACE- MOUNT CHIP RESISTORS

AEC-Q200 APPROVED

AUTOMOTIVE APPLICATIONS

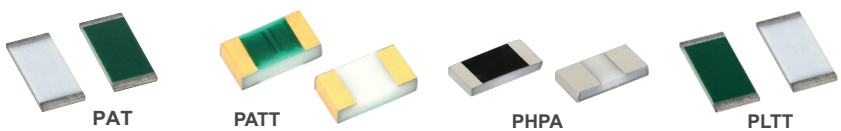


Infotainment and Connectivity
PLTT - Precision Low TCR High Temp
Interior Displays & Touchscreens

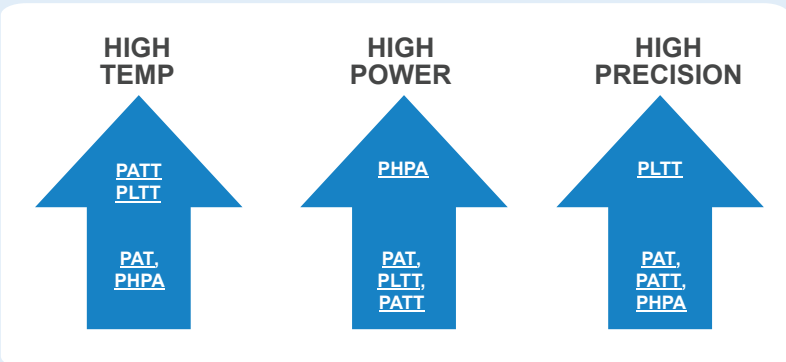
Electrical System
PHPA - Precision High Power
Battery Power System

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



	Case Sizes	Resistance Range (Ω)	TCR (PPM/°C)	Tolerance (%)	Power Rating (W)	Operating Temp. (°C)	Advantage
PAT	0402 to 2512	10 to 3 M	25	0.1 to 1.0	0.15 to 1	-55 to +155	• Moisture-Resistant Ta2N • Wide Resistance Range • Multiple Case Size Options
PATT	0603 to 1206	1.0 to 1 M	25	0.1 to 1.0	0.05 to 0.4	-55 to +250	• Moisture-Resistant Ta2N • High Temperature Capability • Long Term Stability
PHPA	1206, 2512	10 to 30.1 K	25	0.1 to 1.0	1 to 2.5	-55 to +155	• Moisture-Resistant Ta2N • High Power Capability, 2X Standard • ESD Rated 5A (HBM)
PLTT	0603	75 to 130 K	5	0.02 to 0.1	0.15	-55 to +215	• High Precision • High Temperature Capability

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