

HIGH – FREQUENCY PLANAR TRANSFORMERS



Rugged to the Core

PLANAR TRANSFORMERS

Rugged Solutions For Demanding Applications

iNRCORE's high-frequency Planar Transformers incorporate 2 additional clips for secure board mounting, which have **superior performance** in applications with shock and vibration requirements. iNRCORE provides custom design services, as well as specialized screening and qualification testing.

- ✓ Incorporates 2 additional clips for secure board mounting
- ✓ Ruggedized to meet MIL-PRF-27 Grade 6 requirements
- ✓ Rated power up to 400W, custom applications up to 600W
- ✓ Designed to operate from -55°C up to +125°C
- ✓ Lead/Terminal finish: tin-lead (Sn/Pb)

PRODUCT RANGE:

- PL104XX series: 300W rated power
- PL102XX series: 250W rated power
- PL103XX series: 140W rated power

MARKETS SERVED:



Space



Aero & Defense

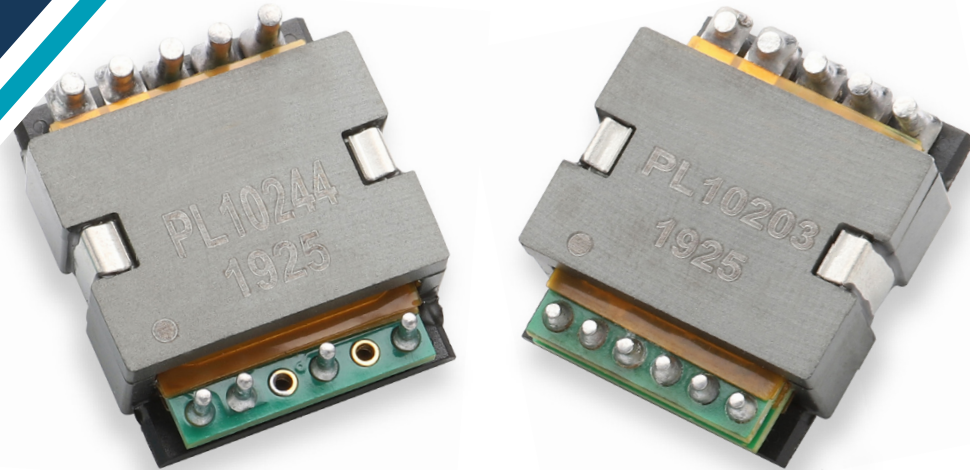


High-Speed Rail



RUGGEDIZED ELECTRONIC SOLUTIONS

iNRCORE
INRCORE FAMILY OF BRANDS



iNRCORE is a World Class manufacturer of catalog and custom magnetic components with manufacturing facilities domestically & off shore. Our products serve Military, Commercial Aerospace, Manned and Unmanned Space, High-Reliability Industrial, Medical, Transportation and Power-Grid Infrastructure markets across the globe.

TESTING SERVICES

Screen/qualification to MIL-STD-981 and NASA EEE-INST-002 or as directed by SCD



ELECTRICAL

Inductance with or without DC, Turns Ratio, HI-POT - Vac up to 20kV, Vdc up to 6kV, Insulation Resistance, Distortion, Pulse Testing, Thermal Rise, Impedance, Q (up to 1MHz), DCR, SRF (up to 3GHz), Leakage Inductance, Voltage Ratio, Insertion Loss



ENVIRONMENTAL

Mechanical Shock, Mechanical Vibration, Solderability, Resistance to Soldering, Tin Whisker Analysis



MECHANICAL

Humidity (to 90% RH), Moisture Resistance, Thermal Shock, Thermal Cycling, High/Low Temperature Storage, Steam Aging



ANALYTICAL

X-Ray Imaging, Real Time X-Ray, Plating Composition Analysis, Detailed Inspection Plans, First Article Inspection to AS9102



For more info
SCAN HERE!

CONTACT US

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