

NIC PRODUCT PROFILE

NLT Series

NIC Leaded Power Transformers

Description:

Power transformer are a core part in any power supply circuit. Power transformers combine with other electronic components, to realize the power transmission, voltage transformation, security isolation function

Still with over 2,000 kinds of standard transformers, with the continuous expansion in the market custom transformers are very important.

NIC has introduced transformers into its 185+ Passive Component Lineup in continued efforts of an "1-Stop-Shop" Performance Passive Solution.

Characteristics:

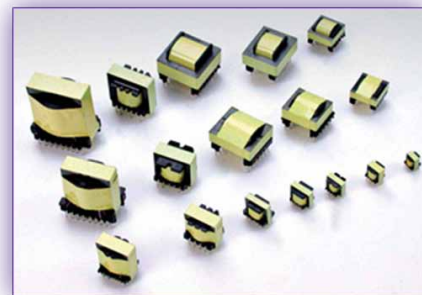
Utilizes Automatic Processes for High Quality
Built with Class B and Class F rated materials

- ◇ Class B = 130°C
- ◇ Class F = 155°C

Core Types : EE, EF, ER, EFD, EPC, EDR, PQ, POT, RM, EP

Over 40 Standard AC/DC & DC/DC Topologies Including:

- ◇ Flyback
- ◇ RCC Flyback
- ◇ Flyback PWM+S
- ◇ Emitter Driven Flyback
- ◇ Emitter Driven Charger
- ◇ Primary Feedback
- ◇ Full Bridge
- ◇ Half Bridge
- ◇ ZVS Active-Camp
- ◇ ZVS Active Half Bridge
- ◇ ZVS Phase Bridge
- ◇ Interleaved PFC DCM
- ◇ PFC CCM
- ◇ Interleaved PFC CCM
- ◇ Push-Pull
- ◇ Simple Forward
- ◇ Resonate Reset Forward
- ◇ 2 Switch-Forward
- ◇ RCD Forward
- ◇ Boost
- ◇ Buck
- ◇ Buck-Boost
- ◇ Sync Buck
- ◇ Buck PNP
- ◇ Dual Vin Sync-Buck
- ◇ Lossless Snubber Forward



Links to Know...

Series Pages:
www.niccomp.com/series/NLT

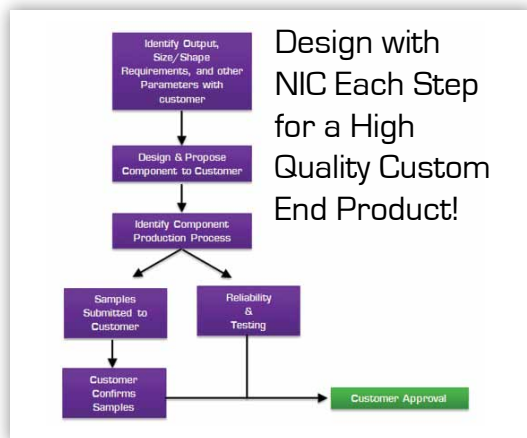
View all NIC Magnetic Products:
www.niccomp.com/magnetics

NLT Co-Sell Products

- ◇ Long Life Aluminum E-Caps
- ◇ High Voltage Aluminum E-Caps
- ◇ Hybrid & Solid Aluminums E-Caps
- ◇ High CV MLCC's
- ◇ Ceramic Disc Capacitors
- ◇ Ceramic Capacitors (MLCCS)
- ◇ Power Inductors
- ◇ Ferrite Chip Beads
- ◇ LDD Varistors
- ◇ MELF Resistors
- ◇ Thick Film Chip Resistors

NLT Applications

- ◇ AC-DC Power
- ◇ DC-DC Power
- ◇ Power over Ethernet
- ◇ Point of Load (PoL)
- ◇ Board Level Power Supply
- ◇ Low EMI Power
- ◇ Low AC Voltage Power
- ◇ Noise Sensitive Power



Cross & Design Support ... tpmg@niccomp.com