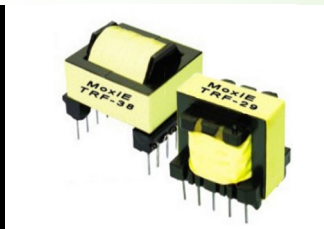
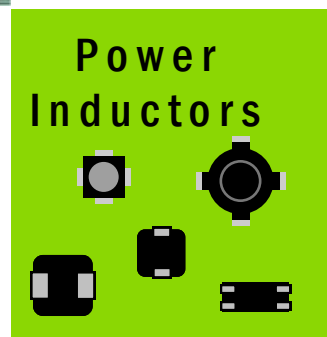
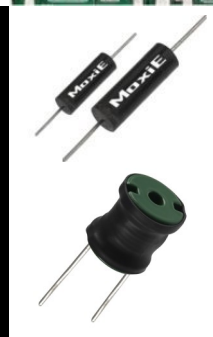
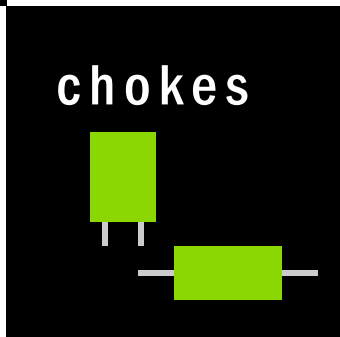
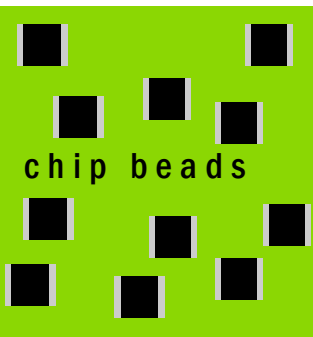
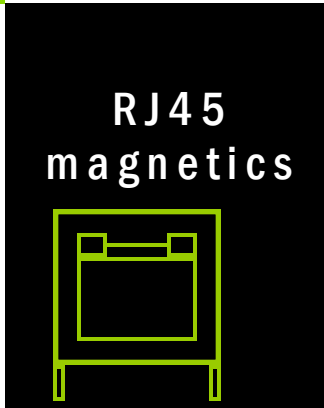
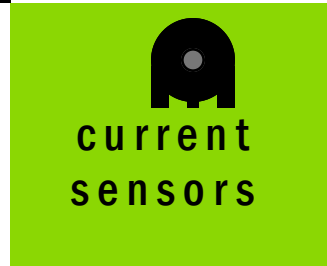
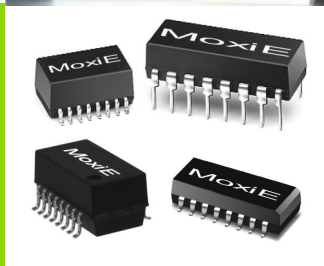
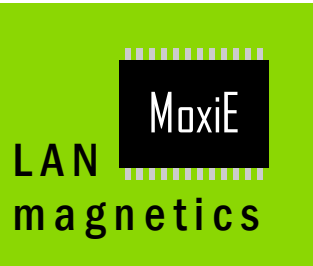


MoxiE Inductor Corporation quick reference guide



Volume 16
2016



transformers



power inductors

current sensors



MOX-SPI-2525 Series
Surface Mount Ultra High Current Molded
6.80 X 6.50 X 3.00mm
Inductance Range: 0.10 μ H ~ 10.0 μ H



MOX-SPI-4040D Series
Surface Mount Ultra High Current Metal Alloy
11.50 X 10.00 X 4.00mm
Inductance Range: 0.36 μ H ~ 10.0 μ H



MOX-SPI-5050 Series
Surface Mount Ultra High Current Metal Alloy
13.60 X 12.90 X 3.50mm
Inductance Range: 0.10 μ H ~ 10.0 μ H



MOX-SPI-1205SM Series
Single, Coupled or (1:1) Transformer
12.50 X 12.50 X 8.00mm
Inductance: 1.88 μ H ~ 3200 μ H I Max: 8.80A



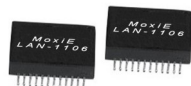
MOX-SPI-1205PM Series
Single, Coupled or (1:1) Transformer
12.50 X 12.50 X 6.00mm
Inductance: 1.40 μ H ~ 1000.0 μ H I Max: 13.0A



MOXIE WLAN & BLUETOOTH
MoxiE Offers A Complete Line Of
Bluetooth & WLAN Products
Filters, Balun Transformers & Antennas



MOX-LAN-QP4B Series
Quad Port, T1/E1 Transformer Modules
Engineered to match E1, T1 PRI, CEPT ISDN
Packaging: Surface Mount
Drop In Replacements For All Major Competitors



MOX-LAN-1100 Series
10/100/1000 Transformer Modules
Engineered to meet IEEE802.3u requirements
Packaging: Surface Mount
Drop In Replacements For All Major Competitors



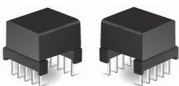
MOX-LAN-1200 Series
10/100/1000 Transformer Modules
Engineered to meet IEEE802.3u requirements
Packaging: Surface Mount
Drop In Replacements For All Major Competitors



MOX-LAN-1400 Series
1000 Base-T Single Port Modules
Engineered to meet IEEE802.3ab standards
Packaging: Surface Mount
Drop In Replacements For All Major Competitors



MOX-LAN-9000 Series
10/100/1000 Transformer Modules
Engineered for long haul gigabit Ethernet
Packaging: Surface Mount
Drop In Replacements For All Major Competitors



MOX-ADSL1 Series
ADSL Transformers
Thru-hole Package
MoxiE Custom Designs Available



MOX-ADSL3 Series
ADSL Transformers
Thru-hole Package
MoxiE Custom Designs Available



MOX-SMPI Series
Octagon Power Inductors & Transformers
Inductance Range: 1 μ H ~ 300 μ H
Various Package Sizes Available



MOX-UPI Series
Unshielded Power Inductor
11.60 X 11.60 X 8.50mm
Inductance Range: 10 μ H ~ 1.2mH; I Max: 3.50A



MOX-UPLC2-0400 Series
Unshielded Low Profile Power Inductor
6.50 X 5.60 X 1.00mm
Inductance Range: 1.2 μ H ~ 330 μ H; I Max: 1.70A



MOX-UPLC2-0401 Series
Unshielded Low Profile Power Inductor
6.50 X 5.60 X 2.00mm
Inductance Range: 1.0 μ H ~ 1mH; I Max: 2.30A



MOX-UPI-0402 Series
Unshielded Low Profile Power Inductor
6.60 X 4.50 X 2.92mm
Inductance Range: 1 μ H ~ 1mH; I Max: 2.90A



MOX-UPI-0802 Series
Unshielded Low Profile Power Inductor
12.95 X 9.40 X 3.00mm
Inductance Range: 1 μ H ~ 1mH; I Max: 2.00A



MOX-UPI-0804 Series
Unshielded Low Profile Power Inductor
12.95 X 9.40 X 5.21mm
Inductance Range: 1 μ H ~ 1mH; I Max: 6.80A



MOX-UPI-0810 Series
Unshielded Low Profile Power Inductor
12.95 X 9.40 X 11.43mm
Inductance Range: 1 μ H ~ 1mH; I Max: 3.50A



MOX-UPI-1306 Series
Unshielded Low Profile Power Inductor
18.54 X 15.24 X 7.11mm
Inductance Range: 1 μ H ~ 1mH; I Max: 20.00A



MOX-SMHC-0402 Series
High Current & Low Voltage Power Inductor
7.50 X 5.20 X 3.20mm
Inductance Range: 0.47 μ H ~ 100 μ H; I Max: 6.0A



MOX-SMHC-0504 Series
High Current & Low Voltage Power Inductor
9.00 X 6.10 X 5.00mm
Inductance Range: 0.47 μ H ~ 100.0 μ H; I Max: 6.5A



MOX-SMHC-0804 Series
High Current & Low Voltage Power Inductor
13.20 X 9.90 X 6.00mm
Inductance Range: 0.47 μ H ~ 100 μ H; I Max: 11.0A



MOX-SMHC-1105 Series
High Current & Low Voltage Power Inductor
19.40 X 13.30 X 6.00mm
Inductance Range: 0.47 μ H ~ 100 μ H; I Max: 17.0A



MOX-SMHC-1305 Series
High Current & Low Voltage Power Inductor
22.20 X 15.00 X 7.80mm
Inductance Range: 0.47 μ H ~ 100 μ H; I Max: 20.0A

chip inductors

chokes



toroids



MOX-UPI2-0504 Series
High Saturation, High Current Power Inductor
5.80 X 5.20 X 4.50mm
Inductance Range: 1.00 μ H ~ 1000 μ H; I Max: 5.90A



MOX-UPI2-0705 Series
High Saturation, High Current Power Inductor
7.80 X 7.00 X 3.50mm
Inductance Range: 1.40 μ H ~ 470 μ H; I Max: 3.70A



MOX-UPI2-1005 Series
High Saturation, High Current Power Inductor
10.00 X 9.00 X 5.00mm
Inductance Range: 10.00 μ H ~ 470 μ H; I Max: 4.33A



MOX-UPI-4D06 Series
Low DC Resistance, Low Profile Power Inductor
6.30 X 5.80 X 0.8mm
Inductance Range: 2.20 μ H ~ 47 μ H; I Max: 0.95A



MOX-UPI-4D08 Series
Low DC Resistance, Low Profile Power Inductor
6.30 X 5.80 X 1.00mm
Inductance Range: 3.30 μ H ~ 100 μ H; I Max: 0.85A



MOX-UPI-4D11 Series
Low DC Resistance, Low Profile Power Inductor
4.40 X 5.80 X 1.25mm
Inductance Range: 2.20 μ H ~ 47 μ H; I Max: 0.95A



MOX-UPI-5D11 Series
Low DC Resistance, Low Profile Power Inductor
5.80 X 7.40 X 1.20mm
Inductance Range: 3.30 μ H ~ 100 μ H; I Max: 0.94A



MOX-UPI-5D13 Series
Low DC Resistance, Low Profile Power Inductor
5.80 X 7.40 X 1.50mm
Inductance Range: 3.30 μ H ~ 100 μ H; I Max: 1.25A



MOX-SPI-0602 Series
Shielded High Energy Storage & Low Power Loss
6.20 X 6.20 X 3.00mm
Inductance Range: 3.30 μ H ~ 330 μ H; I Max: 1.10A



MOX-SPI-0604 Series
Shielded High Energy Storage & Low Power Loss
6.20 X 6.20 X 5.00mm
Inductance Range: 100 μ H ~ 330 μ H; I Max: 1.35A



MOX-SPI-0703 Series
Shielded High Energy Storage & Low Power Loss
7.30 X 7.30 X 3.40mm
Inductance Range: 100 μ H ~ 1000 μ H; I Max: 1.68A



MOX-SPI-0704 Series
Shielded High Energy Storage & Low Power Loss
7.30 X 7.30 X 4.50mm
Inductance Range: 100 μ H ~ 1000 μ H; I Max: 1.85A



MOX-SPI-1004 Series
Shielded High Energy Storage & Low Power Loss
10.00 X 10.00 X 4.10mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 10.50A



MOX-SPI-1204 Series
Shielded High Energy Storage & Low Power Loss
12.50 X 12.50 X 4.50mm
Inductance Range: 10 μ H ~ 330 μ H; I Max: 4.50A



MOX-SPI-1205 Series
Shielded High Energy Storage & Low Power Loss
12.50 X 12.50 X 6.00mm
Inductance Range: 10 μ H ~ 1000 μ H; I Max: 4.00A



MOX-SPI-1207 Series
Shielded High Energy Storage & Low Power Loss
12.50 X 12.50 X 8.00mm
Inductance Range: 10 μ H ~ 1000 μ H; I Max: 9.80A



MOX-SMC-0703 Series
Shielded Low Profile, High Current & Low Rdc
6.80 X 7.50 X 3.20mm
Inductance Range: 1.0 μ H ~ 6.8 μ H; I Max: 7.90A



MOX-SMC-1005 Series
Shielded Low Profile, High Current & Low Rdc
10.00 X 10.90 X 5.00mm
Inductance Range: 0.33 μ H ~ 0.56 μ H; I Max: 20.00A



MOX-SMC-1245 Series
Shielded Low Profile, High Current & Low Rdc
12.50 X 12.80 X 4.70mm
Inductance Range: 1.9 μ H ~ 10.0 μ H; I Max: 13.00A



MOX-SPI-4D28 Series
Shielded High Energy Storage & Low Power Loss
4.70 X 4.70 X 3.00mm
Inductance Range: 1.0 μ H ~ 150 μ H; I Max: 2.56A



MOX-SPI-5D18 Series
Shielded High Energy Storage & Low Power Loss
5.70 X 5.70 X 2.00mm
Inductance Range: 4.10 μ H ~ 82 μ H; I Max: 2.60A



MOX-SPI-6D18 Series
Shielded High Energy Storage & Low Power Loss
6.70 X 6.70 X 3.00mm
Inductance Range: 2.5 μ H ~ 82 μ H; I Max: 3.00A



MOX-SPI-7D18 Series
Shielded High Energy Storage & Low Power Loss
7.00 X 7.00 X 4.00mm
Inductance Range: 3.3 μ H ~ 120 μ H; I Max: 3.50A



MOX-SPI-0402 Series
Shielded High Energy Storage & Low Power Loss
6.60 X 4.45 X 2.93mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 3.00A



MOX-SPI-0804 Series
Shielded High Energy Storage & Low Power Loss
12.95 X 9.40 X 5.08mm
Inductance Range: 1.0 μ H ~ 47 μ H; I Max: 5.00A



MOX-SPI-1306 Series
Shielded High Energy Storage & Low Power Loss
18.54 X 15.24 X 7.62mm
Inductance Range: 10 μ H ~ 1000 μ H; I Max: 3.90A



MOX-SPHL-0402 Series
Shielded Ultra High L at Low Current
6.60 X 4.54 X 1.02mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 2.00A



MOX-SPHL-0804 Series
Shielded Ultra High L at Low Current
12.95 X 9.40 X 5.08mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 5.00A



MOX-SPIF-0628 Series
Shielded High Current, Low Profile & Low Power Loss
6.00 X 6.00 X 2.80mm
Inductance Range: 4.7 μ H ~ 100 μ H; I Max: 2.50A



MOX-SPIF-0728 Series
Shielded High Current, Low Profile & Low Power Loss
7.00 X 7.00 X 2.80mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 5.00A



MOX-SPIF-0745 Series
Shielded High Current, Low Profile & Low Power Loss
7.00 X 7.00 X 4.50mm
Inductance Range: 1.0 μ H ~ 1000 μ H; I Max: 1.60A



MOX-SPIF-1045 Series
Shielded High Current, Low Profile & Low Power Loss
10.00 X 10.00 X 4.50mm
Inductance Range: 10 μ H ~ 1500 μ H; I Max: 2.50A



MOX-SPIF-1275 Series
Shielded High Current, Low Profile & Low Power Loss
12.50 X 12.50 X 7.50mm
Inductance Range: 1.2 μ H ~ 220 μ H; I Max: 5.50A



MOX-DLF Series
Data Line EMI Filters
12.50 X 10.00 X 8.00mm
MoxiE Custom Designs Available



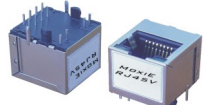
MOX-CMF Series
EMC Common Mode Filters
High Speed Data Lines
6.40 X 5.85 X 3.00mm
MoxiE Custom Designs Available



MOX-RJ45 Series
RJ45 Connector Integrated Magnetics (Cat5e option)
SMD & Thru-hole (2-port, 4-port, 8-port & 12-port)
350 μ H Min. OCL with 8mA Bias Current



MOX-RJ45-USB Series
RJ45 Connector Dual USB Combo
Complies to USB 2.0 Standards
350 μ H Min. OCL with 8mA Bias Current



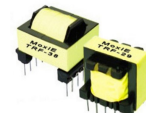
MOX-RJ45V Series
RJ45 Connector Integrated Magnetics Vertical Mount
(Cat5e option) 10/100 Base-TX NIC Applications
1500 Vrms Minimum Isolation



MoxiE Custom RJ45 Products
Gigabit, PoE, Low Profile, Thru-Hole & Surface Mount
Quick-Turn Production Lead-times
MoxiE Custom Designs Available (Cat5e option)



MOX-CS Series
High Frequency Current Sensors
Surface Mount & Thru-hole
MoxiE Custom Designs Available



MOXIE CUSTOM INDUCTORS & TRANSFORMERS
Looking for a custom made product?
MoxiE specializes in custom windings & quick-turn prototypes for production



MOX-TRH Series
High Frequency Transformers
Conventional Wound, Planar, PoE, SMD, Leaded,
Thru-hole Bobbin Terminal
Crosses to all major competitors



MOX-HTI Series
Horizontal Mount Power Inductors
MoxiE Custom Designs Available
Crosses to all major competitors



MOX-VTI Series
Vertical Mount Power Inductors
MoxiE Custom Designs Available
Crosses to all major competitors



MOX-CMCT Series
Thru-hole Common Mode Chokes
MoxiE Custom Designs Available



MOX-PLC & RLPL Series
Radial Leaded Power Line Chokes
Extremely High Q and High SRF
MoxiE Custom Designs Available



MOXIE MOLDED CHIP INDUCTORS
0402, 0603, 0805, 1206, 1210 & 1812 packages
Crosses to all major competitors



MOXIE WIRE WOUND CHIP INDUCTORS
0402, 0603, 0805, 1206, 1210 & 1812 packages
Crosses to all major competitors



MOXIE RF CERAMIC CHIP INDUCTORS
0402, 0603, 0805, 1206, 1210 & 1812 packages
Crosses to all major competitors



MOX-TFI Series
Thin Film Ceramic Chip Inductors
Inductance Range: 0.10nH ~ 270nH
Available Packages: 0402, 0603 & 0805

MoxiE Inductor Corporation is a leading supplier of RJ45's, inductors, transformers, chokes, coils, and custom windings committed to delivering quality products with superior service. MoxiE's experienced sales and engineering staff provide innovative magnetic products that meet the needs of today's most stringent design requirements. From the design phase to the prototype cycle and through mass production, the MoxiE commitment is time to market. Advance material planning and flexible stocking packages are only a piece of the proactive approach we take to meet our customer's delivery needs. Our staff welcomes your inquiry and business. At MoxiE your success is our success. That's MoxiE!



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Toll Free: 888.535.5207

