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A Dedicated & Reliable Distributor Specialising in
Passive Components

- Expanding & Dynamic Product Range
- Full Technical Support
- ISO 9002 Approved

Part of the CLM group of companies
Cross Link Manufacturing
Cross Link Semiconductor
www.clmgroup.co.uk



See CPS first on the web at

www.cps-first.co.uk





Cross Link Manufacturing

Electrolytic Capacitors

Miniature Radial – 85°C

SL 0.1µF – 10000µF, 6.3V – 450V.
 SN Bipolar, 0.1µF – 6800µF, 6.3V – 100V

Miniature Radial – 105°C

SK 0.1µF – 10000µF, 6.3V – 450V.
 SB Low-Leakage, 0.1µF – 10000µF, 6.3V – 100V.
 SD Low-ESR, 0.1µF – 10000µF, 6.3V – 100V.
 SC Ultra Low-ESR, 0.1µF – 15000µF, 6.3V – 100V.

Miniature Radial – 125°C

SH 0.47µF – 1000µF, 10V – 250V.

Subminiature Radial – 85°C

SS 7mm, 0.1µF – 470µF, 4V – 100V.
 S5 5mm, 0.1µF – 330µF, 4V – 50V.

Subminiature Radial – 105°C

SM 7mm, 0.1µF – 470µF, 4V – 63V.

Surface Mount – 85°C

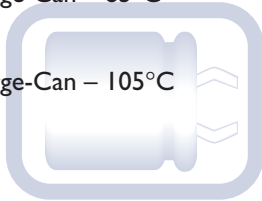
GV 0.1µF – 100µF, 4V – 50V.

Large-Can – 85°C

LX Snap-in, 47µF – 68000µF, 10V – 450V.
 LP Screw Terminal, 470µF – 470000µF, 16V – 450V.

Large-Can – 105°C

LZ Snap-in, 33µF – 68000µF, 10V – 450V.
 LG Solder Lug, 22µF – 10000µF, 16V – 450V.



DNA

Polypropylene Mains Capacitors

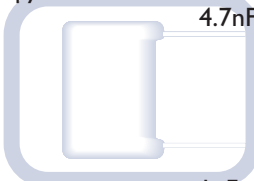
MKP30	Y2-rated radial boxed polypropylene	10nF – 100nF, 275Vac
MKP41	X2-rated radial boxed polypropylene	10nF – 2.2µF, 275Vac
MKP51	X1-rated radial boxed polypropylene	10nF – 2.2µF, 300Vac

Polypropylene dc Capacitors

KP89	radial dipped polypropylene	1nF – 22nF, 630V, 1kV
MFP94	radial boxed polypropylene	100pF – 150nF, 630V, 1kV, 1600V, 2kV
MFP95	radial dipped polypropylene	100pF – 330nF, 630V, 1kV, 1600V, 2kV
MKP90	radial boxed polypropylene	10nF – 10µF, 250V, 400V, 630V
MKP91	radial dipped polypropylene	1nF – 4.7µF, 250V, 400V, 630V, 1kV
MKP92/93	axial polypropylene	4.7nF – 15µF, 250V, 400V, 630V, 1kV

Polyester dc Capacitors

KT45	radial dipped polyester	1nF – 470nF, 100V, 250V, 400V, 630V, 1kV
MKT80	radial boxed polyester	1nF – 10µF, 100V, 250V, 400V, 630V, 1kV
MKT81	radial dipped polyester	10nF – 10µF, 100V, 250V, 400V, 630V
MKT82/83	axial polyester	10nF – 22µF, 100V, 250V, 400V, 630V
BF	5mm radial boxed polyester	1nF – 2.2µF, 63V, 100V, 250V, 400V

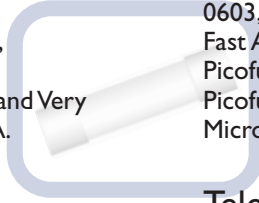




Littelfuse

Cartridge Fuses

Glass & Ceramic.
5x20mm, 6.3x32mm, 4.5x14.5mm,
10.3x35mm, 10.3x38mm.
Time Lag, Medium Time Lag, Fast and Very
Fast Acting to 250V; 32mA to 10A.



Surface Mount Fuses

0603, 1206 types.
Fast Acting & Time-Lag.
Picofuse: Fast Acting – 62mA to 15A.
Picofuse: Time Lag – 375mA to 7A.
Microfuse: Very Fast – 2mA to 5A.

Fuseholders

Full range of fuse holders & clips.

Telecommunications Fuses

Alarm indicating fuses and fuseholders for telecommunications.

Varistors

Radial discs for ac line operation.
Axial and radial low profile packages.
High energy, isolated case-mounting styles.
Surface mount chips and discs.
Connector pin in-line varistors.



Autofuse – Blade Type

Fast Acting – 1A to 80A.

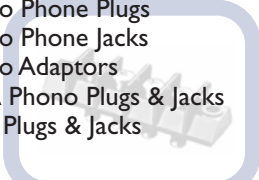
ESD Protection

PulseGuard suppressors for discrete surface-mounting and integrated connector formats.

Marushin

Audio Connectors

Audio Phone Plugs
Audio Phone Jacks
Audio Adaptors
RCA Phono Plugs & Jacks
DIN Plugs & Jacks



2.5, 3.5 and 6.3mm, metal, plastic and moulded
2.5, 3.5 and 6.3mm, pcb, solder tag and panel mounting
Single / double and male / female adaptors
Plastic & metal cased, consumer & professional
3 to 8 pin plugs and jacks

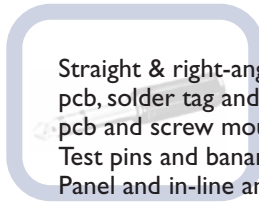
Mains Components

Fuse Holders
AC Plugs, Sockets & Adaptors

250Vac pcb, line and panel mounting
2-pin line and panel connectors

Other Connectors

DC Plugs
DC Jacks
Terminal Blocks
Test Pins & Sockets
Auto Antenna Plugs & Jacks
Coaxial Connectors & Adaptors
Metal Connectors
SCART Connectors



Straight & right-angle low voltage dc plugs
pcb, solder tag and panel mounting dc jacks
pcb and screw mounting high-current terminal blocks
Test pins and banana plugs
Panel and in-line antenna connections
75ohm coaxial plugs and sockets
BNC, N-type and F-type male, female & adaptors
SCART plugs and jacks

Other Components

Binding Posts
Battery Clips & Test Leads
Switches



Heavy duty binding posts and spring-clip terminals
Crocodile clips and battery terminals
Rocker, slide & push-button. Mains & dc ratings



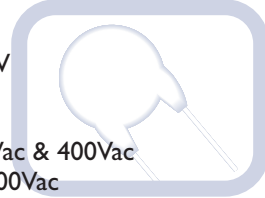
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SEC

Ceramic Capacitors

Class I Discs, NP0 – N750 dielectric
Class II Discs,
Class III Discs, X7R, Z5U, Y5P dielectric
High Voltage dc Discs, NP0, X7R, Z5U
Class X1/Y2 Discs
Class X1/Y1 Discs

1pF – 1200pF, 50V & 500V
100pF – 100nF, 50V & 500V
10nF – 470nF, 12V – 50V
1pF – 10nF, 1kV – 15kV
100pF – 10nF, 125Vac, 250Vac & 400Vac
100pF – 4.7nF, 250Vac & 400Vac



Dubilier

Crystals

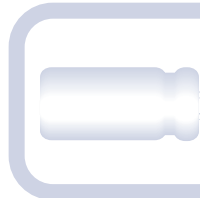
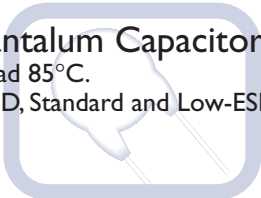
Tuning Fork, HC, & Low-Profile Packages.
Surface-mount Packages.
Oscillators, TTL and Low-Voltage.
Voltage Controlled Oscillators.

Electrolytic Capacitors

Radial Miniature, 85 & 105°C plus Bipolar.
Radial, 105°C Low-ESR & Low-Leakage.
Radial Sub-Miniature, 85 & 105°C.
Axial, 85 & 105°C.
SMD, 85 & 105°C.
Snap-in 85 & 105°C, 2 & 3-Terminal.
Screw Terminals, 85°C.

Tantalum Capacitors

Bead 85°C.
SMD, Standard and Low-ESR.



Ceramic Capacitors

Disc, Radial, Axial MLC.
SMD, Standard & High-Voltage
SMD Capacitor Arrays.

Resistors

Leaded - Carbon and Metal Film
Surface-Mount
Fusible and Zero-Ohm
Resistor Networks

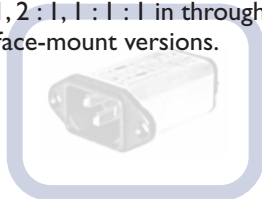
Electromechanical

Cooling Fans, AC and DC.
DIN 41612 Connectors.
IDC Connectors.
D-Type Connectors.
IC Sockets.
Pin Headers.
Audio, Video & Power Connectors.
Terminal Blocks.
RJ Telephone & Network Connectors.

Timonta

Pulse Transformers

1 : 1, 2 : 1, 1 : 1 : 1 in through-hole and surface-mount versions.



Filters

PCB Mounting Filters 0.5 – 16A.
IEC Connectors with Filter, plus fuse, switch, voltage selector in various combinations 1 – 10A.
Chassis Mounting Filters, Single phase 1 – 50A.
Chassis Mounting Filters, Three phase 3 – 1100A.



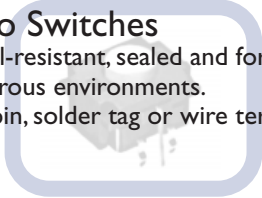
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Schurter

Switches

Piezo Switches

Vandal-resistant, sealed and for use in dangerous environments.
PCB pin, solder tag or wire terminals.



Mechanical Switches

Momentary and latching actions.
Push-button and keypad switches.
Available with LED illumination.
PCB pins, solder tags, wires or SMD.

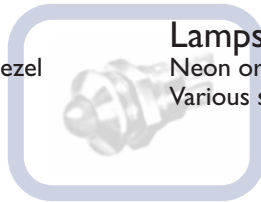
Indicators

LED

Moulded or with plastic or metal bezel
PCB or solder tag terminals.
Horizontal/vertical arrays.

Lamps

Neon or incandescent lamps.
Various styles/colours of lens.



Connectors

Professional Audio

Mono & multi-pole jacks & sockets.
Diameter 2.5, 3.5 & 6.3mm.
Gold-plated contact surfaces.

Commercial

Jacks & Sockets.
RCA phono plugs & sockets.
Miniature DC plugs & sockets.
Miniature DIN plugs & sockets.



Schurter

Mains Power Couplings

IEC 320 Male / Female

Hard wired & pcb-mounting.
Snap-in, flange and screw-fit.
Male and female couplings.
With/without mains switch.
With/without fuseholder.
5x20mm & 6.3x32mm fuses.
C14 inlet with circuit breaker, 15A.

Filtered Entry

With/without mains switch.
With/without fuseholder.
RFI-shielded types available.
Stand-alone filters.
With circuit breaker, 15A.

Others

C8 coupling, with and without mains switch.
In-line rewirable couplings.
Multiple IEC-320 strip-blocks.
International mains plugs (available for most countries).
UK/worldwide cord-sets



Voltage Selector Switches

Panel Mounting

Settable by screwdriver or coin.
Series-parallel connections for transformer windings or simple step-switch.
Can include 5x20 or 6.3x32mm fuseholder.
Rated at 6.3A, 250V.

PCB Mounting

Settable by screwdriver or coin.
Series-parallel connections for transformer windings or simple step-switch.
Can include 5x20 or 6.3x32mm fuseholder.
Rated at 6.3A, 250V.



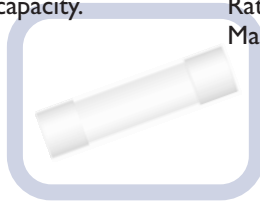
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Schurter

Fuse-links

Glass / Ceramic

4.7x16mm glass.
5x20mm glass & ceramic.
6.3x32mm glass & ceramic.
Leaded and indicator types available.
Low, medium & high breaking capacity.
Time-lag and fast fuses.
Rated voltage to 660V.
Rated currents 2mA to 32A.
Many worldwide approvals.



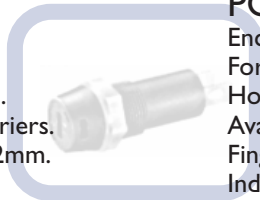
Sub-Miniature

Surface mount types in several styles.
Radial and axial wire leads.
Time-lag and fast fuses.
Rated voltage to 250V.
Rated currents 40mA to 15A.
Many worldwide approvals.

Fuseholders

Panel Mounting

Front & rear mounting.
Fixing nut & snap-in fastening.
Fingertip & screwdriver access.
Screw-type & bayonet fuse carriers.
Fuse sizes 4.7x16, 5x20, 6.3x32mm.
Current 5A to 30A.
Many worldwide approvals.



PCB Mounting

Enclosed & exposed fuse carrier types.
For cartridge and leaded fuses.
Horizontal & vertical mounting.
Available sealed and flux-proof.
Fingertip & screwdriver access.
Individual terminals & covers available.
Fuse sizes 5x20, 6.3x32mm.
Current 5A to 30A.
Many worldwide approvals.

Surface Mounting

For cartridge and leaded fuses.
Current 5A to 10A.
Many worldwide approvals.

Schurter

Circuit Breakers

Sub-Miniature

Thermal breakers designed for appliance protection.
Single pole types rated at 0.05–16A 240Vac / 48Vdc.
Short circuit rating 1kA max, conditional.
Actuators, push/pull plungers, round hole mount and rectangular hole snap fix.
Additional features: auxiliary contacts, shunt terminal & indication on reset button.

DIN Rail Mounted

Thermal / Thermal magnetic breakers designed for branch circuit or distribution board protection.
Single, double and three pole types rated 0.5A–50A, 277/480Vac / 65/360Vdc.
Short circuit rating 10kA max conditional.
Actuator handle type, DIN rail mounted.
Additional features: auxiliary & signal contacts, relay trip & switched neutral poles.

Miniature

Thermal breakers designed for equipment protection.
Single, double and three pole types rated 0.1–20A, 240/415Vac / 60Vdc.
Short circuit rating 1kA max conditional.
Actuators, rocker, push button, illuminated, rectangular hole mount snap fix.
Additional features: auxiliary contacts, relay/remote trip type, undervolt release & lock out latch.

