

# 24

# CONNECTORS

## Miniature jack plugs



A range of high quality 2.5mm and 3.5mm jack plugs.

Type	Order code	Price each	
		1-99	100+
2.5mm plastic jack plug	100-400	£0.11	£0.08
3.5mm plastic jack plug	100-401	£0.11	£0.08
3.5mm metal jack plug	100-402	£0.33	£0.30
3.5mm stereo jack plug	100-510	£0.14	£0.09
3.5mm stereo metal jack plug	100-403	£0.33	£0.30

## Standard jack plugs



Type	Order code	Price each		
		1-99	100-499	500+
6.35mm mono jack plug plastic	100-405	£0.21	£0.18	£0.15
6.35mm mono jack plug metal	100-406	£0.44	£0.39	£0.36
6.35mm stereo jack plug plas	100-408	£0.26	£0.21	£0.19
6.35mm stereo jack plug metal	100-409	£0.39	£0.36	£0.33

## Miniature Jack sockets



100-450                      100-451                      100-502



100-503                      100-452                      100-404                      100-511

Type	Order code	Price each		
		1-99	100-499	500+
2.5mm switched socket	100-450	£0.14	£0.10	
3.5mm mono PCB socket	100-451	£0.10	£0.06	
3.5mm open chassis switched	100-441	£0.09	£0.06	
3.5mm switched mono chassis sk	100-502	£0.14	£0.10	
3.5mm mono chassis socket	100-503	£0.12	£0.09	
2.5mm in-line socket plastic	100-452	£0.18	£0.15	£0.12
3.5mm in-line socket plastic	100-404	£0.18	£0.15	£0.12
3.5mm Stereo in-line socket plast	100-511	£0.18	£0.15	£0.12

## 3.5mm Jack sockets



Chassis mounting jack sockets with either solder or PCB terminals. Both types are switched. Cliff S6 series. RoHS compliant.

Type	Order code	Price each		
		1-99	100-499	500+
3.5mm PCB Cliff jack skt	100-505	£0.44	£0.39	£0.35
3.5mm solder Cliff jack skt	100-504	£0.40	£0.34	£0.32

## 3.5mm Stereo PCB jack socket

A 3.5mm stereo pcb mounting jack socket that can be used as the down-load socket for PIC microcontrollers



Type	Order code	Price each	
		1-99	100+
3.5mm stereo pcb jack socket	100-507	£0.09	£0.07

## Standard Jack sockets

Chassis mounting standard 6.3mm (0.25") jack sockets available with switched or unswitched contacts. Pannel cut-out 11.2mm.



Type	Order code	Price each	
		1-99	100+
6.3mm mono unswitched	100-491	£0.21	£0.18
6.3mm mono switched	100-492	£0.21	£0.18
6.3mm stereo unswitched	100-493	£0.21	£0.18
6.3mm stereo switched	100-494	£0.21	£0.18

## Standard Jack line sockets



Type	Order code	Price each	
		1-99	100+
6.3mm mono line socket	100-407	£0.20	£0.17
6.3mm stereo line socket	100-410	£0.22	£0.18
6.3mm metal mono line skt	100-506	£0.32	£0.28

## Phono plugs and sockets



A range of high quality phono plugs and sockets. All plugs and in-line sockets are cable entry sleeved.

Type	Order code	Price each		
		1-99	100-499	500+
Red phono plug	100-411	£0.09	£0.07	£0.06
Black phono plug	100-412	£0.09	£0.07	£0.06
Red phono in-line socket	100-413	£0.11	£0.09	£0.07
Black phono in-line socket	100-414	£0.11	£0.09	£0.07

## 2 pin DIN plugs and sockets



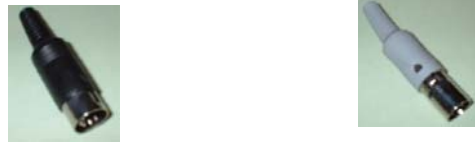
Type	Order code	Price each	
		1-99	100+
2 pin din plug grey	100-415	£0.13	£0.10
2 pin din in-line socket black	100-416	£0.15	£0.13
2 pin chassis socket black	100-417	£0.15	£0.13

## 3 pin DIN plugs and sockets



Type	Order code	Price each	
		1-99	100+
3 pin din plug	100-418	£0.19	£0.14
3 pin din chassis socket	100-454	£0.24	£0.20

## 5 pin DIN plugs and sockets



Type	Order code	Price each	
		1-99	100+
5 pin din plug 180	100-455	£0.19	£0.15
5 pin din plug 240	100-419	£0.19	£0.15
5 pin din plug 360 domino	100-456	£0.21	
5 pin din in-line socket 180	100-457	£0.19	£0.16
5 pin din in-line socket 240	100-420	£0.23	£0.19
5 pin din chassis socket 180	100-460	£0.24	£0.19
5 pin din chassis socket 240	100-461	£0.26	£0.21

## XLR audio connectors



A range of high quality all metal XLR connectors. RoHS compliant

Type	Order code	Price each		
		1-24	25-99	100+
3 pin in-line plug	100-470	£0.70	£0.58	£0.52
3 pin in-line socket	100-471	£0.75	£0.65	£0.55
3 pin chassis mounting socket	100-472	£0.85	£0.75	£0.65
3 pin chassis mounting plug	100-473	£0.75	£0.65	£0.55

## Blank floor XLR mount plate



A floor mount metal plate designed to accept an XLR socket.

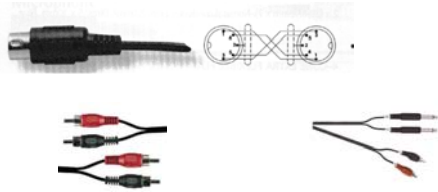
Spring loaded hinge metal cover  
Mounting nuts and bolts included  
Dimensions 87.5 x 6.5 x 92.5mm  
Weight 139g

Type	Order code	Price each	
		1-99	100+
Blank floor XLR mount plate	100-732	£12.75	

# 26

# CONNECTORS

## Audio connecting leads



100-423

100-497

A range of audio connecting leads all 1.2m unless stated.

Type	Order code	Price each		
		1-9	10-24	25+
5 pin din plug to 5 pin din plug	100-421	£0.89	£0.79	
5 pin din plug to 5 pin mirror	100-422	£0.99	£0.89	
2 phono plugs to 2 phono plugs	100-423	£0.58	£0.48	£0.39
2 6.35mm jack pls to 2 phono p	100-497	£0.59	£0.55	£0.49

## UHF connectors



PL259 plug. Internal dia 9.55mm. UHF chassis mounting socket. Five hole flange mount. Cout out 16mm. RoHS compliant.

Type	Order code	Price each	
		1-49	50+
PL259 plug	100-443	£0.59	£0.52
SO239 square socket	100-444	£0.59	£0.52

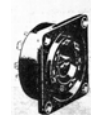
## UHF connectors



Standard BNC plug 50 Ohm. All metal, bright plated. 6.5mm cable entry.

Type	Order code	Price each		
		1-24	25-99	100+
BNC plug	100-498	£0.59	£0.54	£0.49

## Bulgin 8 pin connectors



The most common connector for disco lighting units. Rated at 6A 250V ac.

Type	Order code	Price each	
		1-9	10+
P551 8 pin free plug	100-468	£4.25	
P552 8 pin chassis socket	100-469	£1.45	

## Quicktest block

A quicktest 13A mains connector. Plugless leads can be rapidly connected to the mains. Raised lid cuts current for safety. Fused protection. Neon indicator.



Type	Order code	Price each	
		1-9	10+
Quicktest block	100-427	£16.75	£15.75

## 3 pin free socket



A 3 pin free socket rated at 6A 250v AC for use on audio equipment, kettles etc.

Type	Order code	Price each		
		1-24	25-99	100+
3 pin free socket	100-426	£0.51	£0.47	£0.43

**Our range of products is constantly being updated. For the latest information visit our website at [www.electronelec.co.uk](http://www.electronelec.co.uk)**

## 3 Pin IEC In-line plug

Shrouded 3pin IEC plug rated at 250v AC 6A with rubber cable protector and strain relief. For cables up to 8mm



Type	Order code	Price each		
		1-24	25-99	100+
3 pin IEC in-line plug	100-728	£0.55	£0.46	£0.39

## 3 Pin IEC In-line socket

Shrouded 3pin IEC socket rated at 250v AC 6A with rubber cable protector and strain relief. For cables up to 8mm



Type	Order code	Price each		
		1-24	25-99	100+
3 pin IEC in-line socket	100-727	£0.55	£0.48	£0.42

## 3 Pin IEC chassis plug

3pin IEC chassis plug rated at 250v AC 10A with solder connections.



Type	Order code	Price each		
		1-24	25-99	100+
3 pin IEC chassis plug	100-729	£0.28	£0.24	£0.20

## Universal mains lead

A universal AC mains lead for calculators and other equipment. Sheathed black cable. Supplied with



Type	Order code	Price each	
		1-24	25+
Universal mains lead	100-448	£1.45	£1.25

## DC power plugs

DC power plugs with soft plastic cover and strain relief for low voltage. Solder connections.



Type	Order code	Price each		
		1-24	25-99	100+
DC power plug 1.3/3.5	100-740	£0.21	£0.18	£0.15
DC power plug 1.7/4.0	100-741	£0.21	£0.18	£0.15

## Telephone extension lead



UK telephone extension leads. BT plug to low profile socket. Supplied in white.

Type	Order code	Price each		
		1-4	5-9	10+
Telephone extension lead 3M	110-001	£0.69	£0.62	£0.55
Telephone extension lead 5M	110-002	£0.89	£0.78	£0.70
Telephone extension lead 10M	110-003	£1.39	£1.25	£1.10
Telephone extension lead 15M	110-004	£1.89	£1.69	£1.49

## ADSL Splitter/microfilter

Plugs directly into BT wall socket allowing the connection of telephony equipment and ADSL modem. Up to 4 filters can be used on a single telephone line



Type	Order code	Price each		
		1-4	5-9	10+
ADSL splitter microfilter	110-005	£1.49	£1.35	£1.20

## Telephone double adaptor

Allows the connection of 2 phones to a single socket



Type	Order code	Price each		
		1-4	5-9	10+
Telephone double adaptor	110-006	£0.49	£0.45	£0.40

# 28

# CONNECTORS

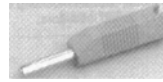
## Co-axial connectors



A range of coaxial plugs and sockets

Type	Order code	Price each		
		1-24	25-99	100+
Metal co-axial plug	100-424	£0.21	£0.17	£0.13
Back to back coupler	100-425	£0.16	£0.14	£0.12
In-line socket metal	100-463	£0.21	£0.17	£0.13
		1-9	10+	
Single flush mounting socket	100-445	£1.25	£1.10	
Twin flush mounting socket	100-446	£1.40	£1.25	
Aerial splitter	100-447	£0.30	£0.25	

## 4mm plugs



Stackable 4mm plugs.Screw connection.

Type	Order code	Price each	
		1-99	100+
Black 4mm plug	100-477	£0.30	£0.25
Red 4mm plug	100-478	£0.30	£0.25

## 4mm terminal posts



Gold plated binding post with insulated mounting.Solder connection. Mounting hole 6mm

Type	Order code	Price each		
		1-24	25-99	100+
4mm Red binding post	100-495	£0.30	£0.28	£0.25
4mm Black binding post	100-496	£0.30	£0.28	£0.25

## TV and video connecting leads

Skytronic

## 4mm terminal posts 15A

Cliff



A range of connecting leads for tvs and videos.

Type	Order code	Price each	
		1-9	10+
Co-axial plug to co-axial plug	100-442	£0.50	£0.40
Co-axial plug to co-axial skt	100-464	£0.54	£0.44
Bnc plug to Bnc plug 1.2M	100-465	£1.10	£0.85
21 pin scart plug to same 1.5M	100-466	£0.95	£0.80
21 pin scart plug to same 3.0M	100-467	£1.40	£1.10



High quality British made terminal posts with integral 4mm socket.Will accept all 4mm standard plugs.Rated 15A 250V AC.

Type	Order code	Price each		
		1-24	25-99	100+
Red 4mm terminal post	100-479	£0.55	£0.50	£0.46
Black 4mm terminal post	100-480	£0.55	£0.50	£0.46

## Crocodile clips



Type	Order code	Price each	
		1-99	100+
Red 25mm long	100-481	£0.06	£0.05
Black 25mm long	100-482	£0.06	£0.05
5A metal clip	100-428	£0.09	£0.07
30A red insulated clip	100-429	£0.16	£0.14

## Car lighter plugs

Superior quality car cigar lighter plug, 12V DC with spring loaded contacts and rubber cable protector. 5A fuse (6x32mm)



Type	Order	Price each	
	code	1-9	10+
12V DC Car plug with fuse	100-730	£0.69	£0.62

## Low profile DIL IC sockets



A range of high quality low profile ic sockets with dual beam contacts

### Technical specification

Insulator material	30% Glassfilled thermoplastic PBT
	Rated ul94V-0
Contact material	Phosphor bronze
Contact plating	Tin
Current rating	1A
Contact resistance	20M ohms max
Insulation resistance	5000M ohms min at 500V DC
Insertion force	340g max per contact
Withdrawal force	14g min per contact
Operating temperature	-55 to +105 deg C

Type	Order	Price each		
	code	1-49	50-499	500+
8 pin	100-474	£0.04	£0.023	0.015
14 pin	100-475	£0.07	£0.043	0.026
16 pin	100-476	£0.08	£0.053	£0.03
18 pin	100-486	£0.09	£0.058	0.034
20 pin	100-487	£0.10	£0.068	0.037
24 pin	100-488	£0.12	£0.078	0.045
28 pin	100-489	£0.13	£0.083	0.052
40 pin	100-490	£0.15	£0.096	0.072

## PCB connectors 97FBW Series

Metway



### Technical specification

Current rating	6A
Breakdown voltage	>2500v
Mouldings	Nylon 6/6, VO, grey
Sockets	Tinned brass
Temperature range	-40 to 100 deg C
Screws	M3 Zinc plated steel
Pin spacing	5mm
Cable stripping lgh	5mm

Type	Order	Price each	
	code	1-99	100+
Metway 97FBW02 (2way)	100-713	£0.38	£0.35
Metway 97FBW03 (3way)	100-709	£0.54	£0.49
Metway 97FBW06 (6way)	100-710	£1.09	£0.99
Metway 97FBW12 (12way)	100-701	£2.19	£1.99

## PCB connectors 97FBS Series

Metway

### Technical specification

Current rating	6A
Breakdown voltage	>2500v
Mouldings	Nylon 6/6, VO, grey
Sockets	Tinned brass
Temperature range	-40 to 100 deg C
Screws	M3 Zinc plated steel
Pin spacing	5mm
Cable stripping lgh	5mm

Type	Order	Price each	
	code	1-99	100+
Metway 97FBS02 (2way)	100-715	£0.32	£0.29
Metway 97FBS03 (3way)	100-716	£0.54	£0.49
Metway 97FBS04 (4way)	100-717	£0.69	£0.63
Metway 97FBS10 (10way)	100-718	£1.69	£1.55

## Solder pins

**Metway**

5mm pitch, 45 degree entry PCB terminal block. The connector has interlocking dovetails to enable longer lengths to be assembled.



Solder pins for use with the above connectors. Supplied in bags of 1000.

Type	Order code	Price each
Metway LST1.3 solder pin	100-700	£0.019

### Technical specification

Current rating	16A
Mouldings	Polycarbonate, UL94 VO Grey
Sockets	Brass, tinned to ISO 2093
Wire protectors	Bronze, nickel plated
Conductor size	2.5mm sq.
Max. working Temp.	120 deg C

## Solder pin strips 971 series

**Metway**



100-719



100-726

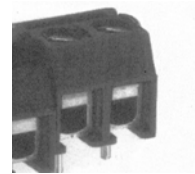
Solder pin strips for use with the 97FBW and 97FBS range of connectors. The SLS type have a narrow shoulder support to provide additional stability on the PCB (7mm from back to tip of shoulder). The SLW type have a wide shoulder to provide substantial stability on PCBs. (10.35mm from back to tip of shoulder)

Type	Order code	Price each
Metway 971SLS10 (10 way strip)	100-719	£0.55 £0.49
Metway 971SLW6 (6 way strip)	100-726	£0.31 £0.28
Metway 971SLW12 (12 way strip)	100-724	£0.59 £0.55

Type	Order code	Price each
Karson 645DS02 (2 way)	100-714	£0.16 £0.14

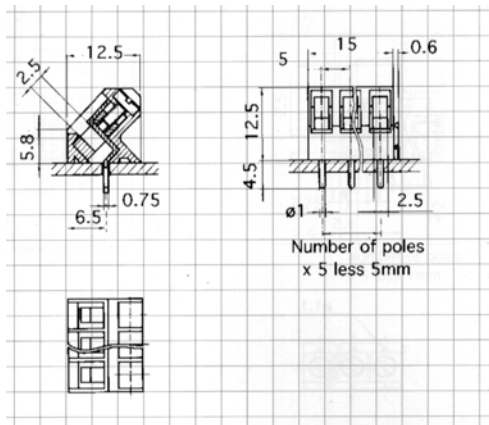
## PCB connector 978TDS Series

**Metway**



## PCB 45 Degree connector

**Karson**



### Technical specification

Mouldings	Nylon 6.6 UL94 V0 grey
Inserts	Brass, tinned
Screws	M3 steel zinc plated and passivated
Voltage rating	600V to VDE 0110
Current rating	15A
Wire protectors	Stainless steel
Temperature	80 deg C Max
Pin spacing	5mm
Conductor size	4mm sq
Stripping length	6mm
PCB board hole	1.3mm recommended

Type	Order code	Price each
Metway 978TDS02 (2way)	100-711	£0.31 £0.28

## 2 Way header

**JYK**

*new*



Type	Order code	Price each	
2 way straight header	100-750	£0.06	£0.038
2 way crimp housing	100-751	£0.03	£0.015
0.1" crimp terminal Pk2	100-752	£0.05	£0.04

## 3 way inline sil socket

**E-Tec**

*new*



Type	Order code	Price each		
3 way 2.54mm single inline skt	100-753	£0.11	£0.09	£0.07

## 3 way turned pin SIL header

**E-Tec**

*new*



Type	Order code	Price each		
3 way turned pin sil header	100-754	£1.49	£1.35	£1.20

## Crimp terminals

### Blade terminals

Flat blade terminals with vinyl insulation. RoHS compliant.



Type	cable	Order code	Price Pk 100
Blade terminal male 2.8mm red	0.5-1.5mm	100-556	£2.95
Blade terminal male 4.75mm red	0.5-1.5mm	100-557	£2.95
Blade terminal male 4.75mm blue	1.5-2.5mm	100-558	£2.95
Blade terminal male 6.35mm red	0.5-1.5mm	100-559	£2.95
Blade terminal male 6.35mm blue	1.5-2.5mm	100-560	£2.95
Blade terminal male 6.35mm Yell	2.5-6.0mm	100-561	£2.95

### Fork terminals

Fork terminals with vinyl insulation. RoHS compliant.



Type	Cable	Order code	Price Pk 100
Fork terminal 4.3mm red	0.5-1.5mm	100-572	£2.95
Fork terminal 4.3mm blue	1.5-2.5mm	100-573	£2.95
Fork terminal 6.4mm red	0.5-1.5mm	100-574	£2.95
Fork terminal 6.4mm blue	1.5-2.5mm	100-575	£2.95
Fork terminal 6.4mm Yellow	2.5-6.0mm	100-576	£2.95

### Piggy back terminals

Push on piggy backs for dual connection. RoHS compliant.



Type	Cable	Order code	Price Pk 100
Piggy back terminal 6.3mm red	0.5-1.5mm	100-570	£2.95
Piggy back terminal 6.3mm blue	1.5-2.5mm	100-571	£2.95

## Pin terminals

Short pin cable terminals with vinyl insulation. RoHS compliant.



Type	Cable	Order code	Price Pk 100
Pin terminal 6.3mm red	0.5-1.5mm	100-567	£2.95
Pin terminal 6.3mm blue	1.5-2.5mm	100-568	£2.95
Pin terminal 6.3mm yellow	2.5-6.0mm	100-569	£2.95

## Push on terminals

Push on receptacles with vinyl insulation. RoHS compliant.



Type	cable	Order code	Price Pk 100
Push on term female 2.8mm red	0.5-1.5mm	100-550	£2.95
Push on term female 4.75mm red	0.5-1.5mm	100-551	£2.95
Push on term female 4.75mm blue	1.5-2.5mm	100-552	£2.95
Push on term female 6.3mm red	0.5-1.5mm	100-553	£2.95
Push on term female 6.3mm blue	1.5-2.5mm	100-554	£2.95
Push on term female 6.3mm Yell	2.5-6.0mm	100-555	£2.95

## Ring terminals

Ring terminals with vinyl insulation. RoHS compliant.



Type	Cable	Order code	Price Pk 100
Ring terminal 4.3mm red	0.5-1.5mm	100-562	£2.95
Ring terminal 4.3mm blue	1.5-2.5mm	100-563	£2.95
Ring terminal 6.4mm red	0.5-1.5mm	100-564	£2.95
Ring terminal 6.4mm blue	1.5-2.5mm	100-565	£2.95
Ring terminal 6.4mm Yellow	2.5-6.0mm	100-566	£3.95