

Connectors

&

Components

Contents

HDMI™, DVI & D - SUB CONNECTORS	102
D - SUB & CENTRONIC CONNECTORS	103
D - SUB CONNECTORS & CRIMPING TOOLS	104
IDC CONNECTORS	105-106
IDC CONNECTORS & FLAT RIBBON CABLE	107
D - SUB BACK COVERS	108-109
METAL HOOD & HARDWARE	110
MISC. HARDWARE & MINI DIN CONNECTORS	111
MINI DIN & DIN CONNECTORS	112
PCB MOUNT SOCKETS	113
PCB MOUNT MODULAR JACKS	114
PCB MOUNT MODULAR JACKS & D - SUBS	115
PCB MOUNT CONNECTORS	116-117
PCB CONNECTORS & MOUNT HEADERS	118
PCB MOUNT HEADERS	119
TERMINAL HOUSING	120-121
TECHNICAL REFERENCE INFORMATION	122
Custom Cable Assembly Inquiry Form	123



HDMI™, DVI & D-SUB CONNECTORS

SOLDER TYPE, TIN PLATED

- All Plugs with Grounding Indents on Shells
- Gold Plated Contacts
- White Plastic Fillings
- All Tin Plated Shell



DS-50P/T



DS-50S/T

Male **DS-(XX)P/T** XX= Pins: 9, 15, 23, 25, 37, 50.
DS-(XX)P/T-RL XX= Pins: 9, 15, 25, 37.

Female **DS-(XX)S/T** XX= Pins: 9, 15, 19, 23, 25, 37, 50.
DS-(XX)S/T-RL XX= Pins: 9, 15, 25, 37.



RL : Denotes RoHs compliance and UL certified

HDMI™ KIT

- HDMI™ 19 Pins Connector and Hood Set

HDI-19P-KIT



DC ASSEMBLY TYPE

- All Types with Strain Relief



DC Adaptor

DCA-52125J

DCA-52521J



DC Plug Right Angle, Long Barrell

DCP-5521AR-L 2.1 x 5.5 mm

DCP-5525AR-L 2.5 x 5.5 mm

DC Jack

DCJ-5521A 2.1 x 5.5 mm

DCJ-5525A 2.5 x 5.5 mm

DC Plug Right Angle

DCP-5521AR 2.1 x 5.5 mm

DCP-5525AR 2.5 x 5.5 mm

DC Plug

DCP-2307A 0.7 x 2.3 mm

DCP-3010A 1.0 x 3.0 mm

DCP-3513A 1.3 x 3.5 mm

DCP-4017A 1.7 x 4.0 mm

DCP-5521A 2.1 x 5.5 mm

DCP-5525A 2.5 x 5.5 mm

DC Plug Long Barrell

DCP-5020A-L 2.0 x 5.0 mm

DCP-5521A-L 2.1 x 5.5 mm

DCP-5525A-L 2.5 x 5.5 mm



See Pg 98 for more details

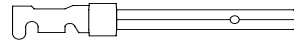
SOLDER TYPE, ZINC PLATED

- Gold Plated Contacts
- White Plastic Fillings

Male **DS-(XX)P**

Female **DS-(XX)S**

XX= Pins: 9, 15, 23, 25, 37, 50.



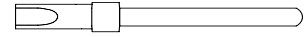
Built with Stamp Type Pin



DS-25P

MACHINE PIN SOLDER TYPE TIN PLATED

- Gold Plated Contacts
- White Plastic Fillings
- Solder Cup with Machine Pin



Built with Machine Type Pin

Male **DS-(XX)P-MCH**

Female **DS-(XX)S-MCH**

XX= Pins: 9, 15, 25, 37.



DS-37S-MCH

DVI SOLDER TYPE

Analog

DVI-17M Male, 17C

Digital

DVI-19M Single Link

DVI-25M Dual Link

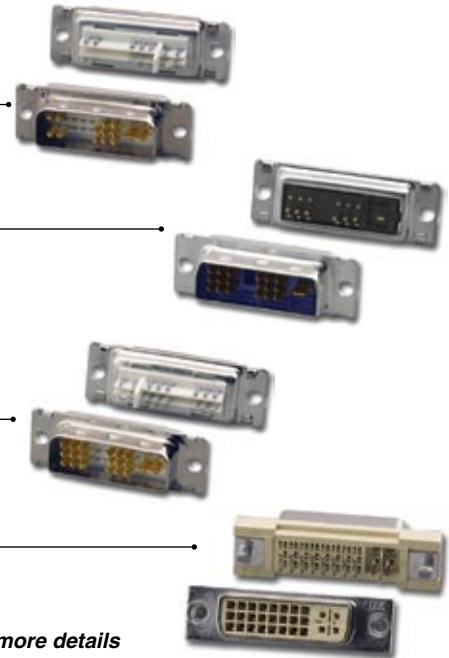
Digital/Analog

DVI-23M Male, 23C

DVI-29M Male, 23C

DVI-25F Female, 25C

DVI-29F Female, 29C



See Pg 69 for more details

DVI HOODS

- Plastic Outer with Inner Metal Funnel
- Exit Inside Diameter Marked
- With Thumb Screw
- Fits DVI Connectors (See Page XXX)

DVI-HDKIT85 8.5mm

DVI-HDKIT95 9.5mm





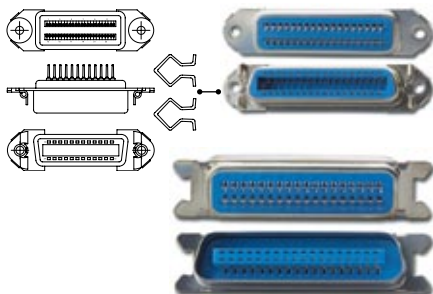
CENTRONIC PCB MOUNT

- PBT insulator
- Tin Plated Shell
- Female w/ Bail Lock

Male 57-10(XX)0PCB

Female 57-20(XX)0PCB

XX= Pins: 14, 24, 36, 50.



57-20360PCB-D 36/F PCB W/4-40 screw

57-10360PCB

STRAIGHT EDGE

- N-Stand for Straight Edge

Male 57-10(XX)0PCB-N

XX= Pins: 14, 24, 36, 50.

Female 57-20(XX)0PCB-N

XX= Pins: 14, 24, 50.

RIGHT ANGLE

- Female w/ Bail Lock
- Gold Plated Contacts
- Blue Plastic Fillings

Male 57-(XX)PR

XX= Pins: 14, 36, 50.

Female 57-(XX)SR

XX= Pins: 14, 24, 36, 50.



57-10360PCB-N

57-50SR

TELCO & CEN 36 RIGHT ANGLE SOLDER

- Metal or Plastic Shell
- 50 Pin, Gold Plated Contacts
- Right Angle Cable Entry
- Screw Strain Relief

Male 57F-50MR-TLCO

Female 57F-50FR-TLCO



Solder Type

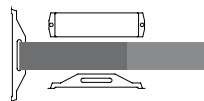
Male 55-36M **Female** 55-36F

Metal Hood 55-50M/T 55-50F/T

Reversed 55-50M/T-RV 55-50F/T-RV



DC-TELCO-BRK



55-50M/T

IEEE-488 CONNECTOR

- Connector Kit for IEEE-488 Cable

13E-488



HIGH DENSITY, SOLDER TYPE

- All Tin Plated Shells
- All Plugs with Grounding Indents On Shells
- Gold Plated Contacts
- White Plastic Fillings

Male

Female

DHS-15P

DHS-15S

DHS-26P

DHS-26S

DHS-44P

DHS-44S

DHS-62P

DHS-62S

DHS-78P

DHS-78S



DHS-15S



See Pg 108-110 for Hood Used on the Connector

SOLDER TYPE

- Nickel Plated Steel Shell
- Female w/ Bail Locks
- Gold Plated Contacts
- Panel Mount style on male only

Male

Female

57-10140

57-40140

57-10240

57-40240

57-10360

57-40360

57-10500

57-40500



57-10500



57-40500

SOLDER TYPE WITH METAL HOOD (180°)

- Nickel Plated Steel Hood
- Gold Plated Contacts
- Blue Plastic Fillings
- Rubber Tube Strain Relief Includ

Male

Female

57-30140

57-60140

57-30240

57-60360

57-30360

57-60500

57-30500



57-30360



D-SUB CONNECTORS & CRIMPING TOOLS

CRIMP HOUSING, ZINC PLATED

- Black Plastic Fillings

Male DH-(XX)HP

Female DH-(XX)HS

XX= Pins: 9, 15, 25, 37.



DH-09HS

CRIMP HOUSING, TIN PLATED

- All Plugs with Grounding Indents On Shells
- Black Plastic Fillings

Male DH-(XX)HP/T
DH-(XX)HP/T-RL

Female DH-(XX)HS/T
DH-(XX)HS/T-RL

XX= Pins: 9, 15, 25, 37, 50.



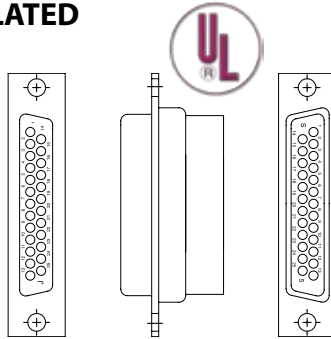
RL : Denotes RoHs compliance and UL certified

CRIMP HOUSING, TIN PLATED

- All Plugs with Grounding Indents On Shells
- UL-LISTED
- Black Plastic Fillings

Male DH-09HP/T-UL
DH-25HP/T-UL

Female DH-09HS/T-UL
DH-25HS/T-UL



CRIMP HOUSING HIGH DENSITY

- All Tin Plated Shells
- All Plugs with Grounding Indents On Shells
- All Pins Gold Plated
- Black Plastic Fillings

Male DHD-(XX)HP

Female DHD-(XX)HS

XX= Pins: 15, 26, 44, 62, 78.

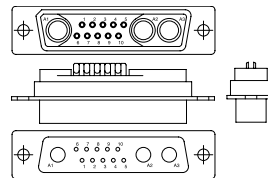


DHD-15HS

DHD-15HP

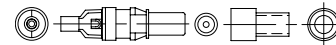
D-SUB COAX COMBO

- 13 Contacts, Crimp Ferrel Included
- Metal Tin Plated Shell
- Gold Plated Contacts



DS-13W3PCS D-sub 10 pin plug with 3 Coax socket

DS-13W3SCP D-sub 10 pin socket with 3 Coax plug



DS-13W-CS Coax socket for 13W3



DS-13W-CP Coax plug for 13W3

D-SUB CRIMPING TOOLS

PHT-DS-STMP: Crimping Tool for D-sub **Stamp** Type Pins. For Both **Regular** and **High Density** Type with Conductor Size Range of 20~24 AWG and 24~28



PHT-DS-MCH: Crimping Tool for D-SUB **Machine Pins**. Depth Adjustable, Ratchet and Four Way Indent



CRIMP PINS

- All Pins Gold Plated
- All 100 pcs per Bag, Except On Reel, 5K per Reel



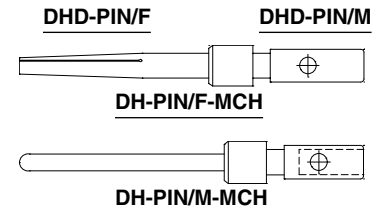
WIRE SIZE 24-28 AWG

Regular DH-PIN/F
DH-PIN/M

Machined* DH-PIN/F-MCH
DH-PIN/M-MCH

Crimp Only DH-PIN/M-MCH-C

On Reel DH-P/F-REEL
DH-P/M-REEL



* Machined pins allows both soldering and crimpin

INSERT, EXTRACTION TOOLS

- Inserts and Extracts Crimp Pins. For Regular and High Density Type.

High Density

Regular



DHD-IN-EXT-H



DH-IN-EXT

WIRE SIZE 20-24 AWG

Regular DH-PIN/F-L
DH-PIN/M-L

WIRE SIZE 24-28 AWG

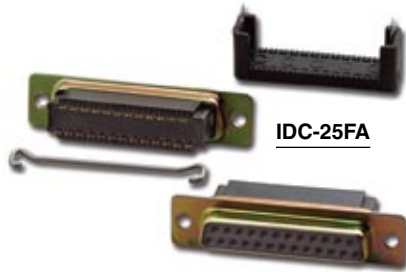
Hi-Density Housing DHD-PIN/F-HR
DHD-PIN/M-HR

On Reel (5K/Reel) DHD-P/FH-REEL
DHD-P/MH-REEL



IDC TYPE METAL SHELL (Black, Zinc)

- Metal, **Zinc** Plated Shell
- **Black** Plastic Fillings
- Gold Plated Contacts
- Metal Strain Relief



Male IDC-(XX)MA

Female IDC-(XX)FA

XX= Pins: 9, 15, 25.

IDC ALL PLASTIC (Blue)

- **All Plastic** Construction
- Blue Plastic Fillings
- Gold Plated Contacts
- Strain Relief Included



Male IDC-(XX)M-BLUE

Female IDC-(XX)F-BLUE

XX= Pins: 9, 15, 25, 37.

Black IDC-15F-BK **NEW**

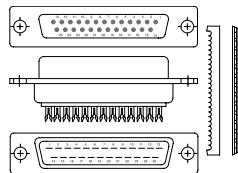
Strain Relief

Metal IDC-(XX)B-SR XX= Pins: 9, 15, 25, 37.

Plastic IDC-(XX)P-SR XX= Pins: 9, 15, 25, 37.

IDC FOR DISCRETE WIRE

- All Plugs with Grounding Indents On Shells
- Metal, Tin Plated Shell
- 24-28 AWG Stranded Wire
- Gold Plated Conta
- Clip by Hand, No Tool Needed



Male **Female**

DSL-09P DSL-09S

DSL-15P DSL-15S

DSL-25P DSL-25S

IDC TYPE METAL SHELL (Blue, Tin)

- Metal, **Tin** Plated Shell
- Metal Strain Relief
- **Blue** Plastic Fillings
- Gold Plated Contacts
- All Plugs with Grounding Indents On Shells
- Low Profile, 0.71" Total Thickness After Crimp
- Strain Relief Included



Strain Relief

IDC-37FB

Male IDC-(XX)MB

Metal IDC-(XX)B-SR

Female IDC-(XX)FB

Plastic IDC-(XX)P-SR

XX= Pins: 9, 15, 25, 37.

IDC TYPE METAL SHELL (Blue, Tin)

- Metal Tin Plated Shell
- **Plastic** Strain Relief
- Gold Plated Contacts
- All Plugs with Grounding Indents On Shells
- Economy type



Male **Female**

IDC-09MB/2 IDC-09FB/2

IDC-15MB/2 IDC-15FB/2

IDC-25MB/2 IDC-25FB/2

IDC-37MB/2 IDC-37FB/2

4/40 Threaded Insert

Male **Female**

IDC-09MB/2-D IDC-09FB/2-D

IDC-15MB/2-D IDC-15FB/2-D

IDC-25MB/2-D IDC-25FB/2-D



IDC TYPE ALL PLASTIC

- All Plastic Shell
- Female w/Bail Lock
- Gold plated Contacts
- Use Standard .05" Centered Ribbon Cable (See Pg. 109)



Male **Female**

57F-24M 57F-36F

57F-36M 57F-50F

57F-50M

IDC TYPE METAL SHELL

- Tin Plated Metal Shell
- Gold Plated Contacts
- Blue Plastic fillings
- Female W/Bail Lock
- Use Standard .05" Centered Ribbon Cable



Male **Female**

57F-36MB 57F-24FB

57F-50MB 57F-36FB

57F-50FB



IDC FOR DISCRETE WIRE

- Tin Plated Metal Shell
- 24-28 AWG Stranded Wire
- Gold Plated Contacts
- Centronic Solderless 36 pin male plug



CSL-36P

DUAL ROW DIP PLUGS

- Gold Plated Contacts
- Attaches Ribbon Cable to PCB

Pitch: 0.1"x0.1"

- PCT-08**
- PCT-10**
- PCT-14**
- PCT-16**
- PCT-20**
- PCT-24**
- PCT-26**
- PCT-30**
- PCT-34**
- PCT-40**
- PCT-50**
- PCT-60**



Pitch: 0.1"x0.3"

- PCI-08**
- PCI-14**
- PCI-16**
- PCI-20**

Pitch: 0.1"x0.6"

- PCI-24**
- PCI-28**
- PCI-32**
- PCI-36**
- PCI-40**



Very High Density SCSI Connector

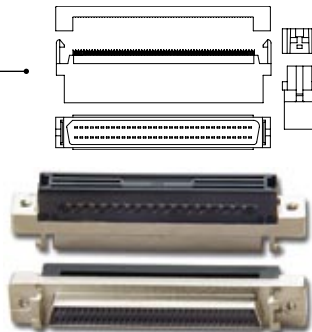
VHD-68M-IDC



IDC METAL FOR SCSI

- 68 Pin Half Pitch
- D-SUB Pin Type

- IDC-HD68M**
- IDC-HD68F**



ULTRA DMA IDC Dual Row Sockets

- 40 Pin
- With Strain Relief

- IDS-40-UD** Black
- IDS-40-UDBL** Blue
- IDS-40-UDGY** Gray



IDC SOCKETS

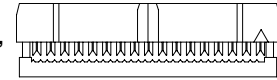
- Gold Plated Contacts
- UL Listed
- Socket for 0.1" Spacing Headers
- IDC Termination for 0.05" Centered Ribbon Cable
- Both Center Polarized Key & Military Polarized Notch
- Strain Relief Included



IDS-20

IDS-(XX)

XX= Contacts: 6, 8, 10, 12, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60, 62, 64.



IDS-14

Strain Relief

IDS-SR-(XX)

XX= Contacts: 10, 14, 16, 20, 26, 30, 34, 40, 50, 60.

IDS-KEY

IDS Socket Connector Key



IDC SOCKETS (Non-Polarized)



- Gold Plated Contacts
- Socket for 0.1" Spacing Headers
- IDC Termination for 0.05" Centered Ribbon Cable
- Military Polarized Notch Only

- IDS-06NPK**
- IDS-08NPK**
- IDS-10NPK**
- IDS-16NPK**
- IDS-20NPK**
- IDS-26NPK**
- IDS-34NPK**
- IDS-40NPK**
- IDS-50NPK**
- IDS-62NPK**



IDC SOCKET 2.0mm(Non-Polarized)

- Socket for 2.0mm (0.079") Spacing Headers
- IDC Termination for 1.0mm Centered Ribbon Cable
- For Flat Cable
- No Strain Relief

IDS-(XX) / 2.0

XX= Contacts: 10, 20, 26, 40, 44, 50.

IDS-50 / 2.0





IDC HEADERS

- Gold Plated Contacts
- UL Listed
- Header for 0.1" Spacing Sockets
- IDC Termination for 0.05" Centered Ribbon Cable

Regular IDM-(XX)

Panel Mount IDM-(XX)E



IDM-24E

XX= Pins: 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64.

IDC LATCH HEADER

- Gold Plated Contacts
- Header for 0.1" Spacing Sockets
- Locking Latch
- Fully Shrouded Body

Regular **Panel Mount**

IDE-(XX) IDE-(XX)E

XX= Pins: 10, 14, 20, 26, 34, 40, 50, 64.



IDE-14

STAGGERED TERMINAL PLUGS

- Gold Plated Contacts
- Staggered Pattern of 0.05"
- Attaches Ribbon Cable to PCB

PCD-(XX)

XX= Pins: 10, 16, 20, 26, 34, 40, 50, 60.



PCD-60

RAINBOW RIBBON CABLE ROLLS

- 0.05" (1.27mm) Center to Center Spacing
- 28 AWG Stranded Center Conductors
- UL Listed

F28-A(XX)RB XX= Conductors:
9, 10, 14, 15, 16, 20, 25,
26, 34, 36, 37, 40, 50, 64.

* Flat Cable 100ft per roll



F28-A25RB

RIBBON CABLE ROLLS 1.0mm

- 1.0mm Center to Center Spacing
- 28 AWG Stranded Center Conductor
- Use on 2.0mm Spaced IDC Connectors
- UL Listed

F28-B(XX)G

XX= Conductors: 20, 26, 40, 44, 50.

* Flat Cable 100ft per roll



F28-B20G

CARD EDGE CONNECTOR

- Gold Plated Contacts
- UL Listed
- IDC Termination for 0.05" Centered Ribbon Cable

EC-(XX)

XX= Pins: 10, 14, 16, 20, 26, 34, 40, 50, 60, 62, 64.

EC-KEY Card Edge Connector Slot Key, Nylon



EC-34

IDC PLIERS

PHT-37-214 9-1/2" Fixture still Frame

PHT-37-215 9-1/2" Fixture still Frame with Attachment

- Attachment Frames

PHT-37F-214

PHT-37F-215



See PG 37 for Tool Details

FLAT RIBBON CABLE ROLLS 0.05"(1.27mm)

- 0.05" (1.27mm) Center to Center Spacing
- 28 AWG Stranded Center Conductors
- UL Listed
- All Available Conductors With D-Subs.
- Use on 0.1" spaced IDC Connectors

Flat Cable 100ft per roll

<u>F28-A09G</u>	<u>F28-A26G</u>
<u>F28-A10G</u>	<u>F28-A30G</u>
<u>F28-A14G</u>	<u>F28-A34G</u>
<u>F28-A15G</u>	<u>F28-A36G</u>
<u>F28-A16G</u>	<u>F28-A37G</u>
<u>F28-A20G</u>	<u>F28-A40G</u>
<u>F28-A24G</u>	<u>F28-A50G</u>
<u>F28-A25G</u>	<u>F28-A60G</u>
	<u>F28-A64G</u>

Flat Cable 250ft per roll

F28-A(XX)G-250

XX= Conductors: 9, 10, 15, 16, 25, 34, 40, 50, 60.



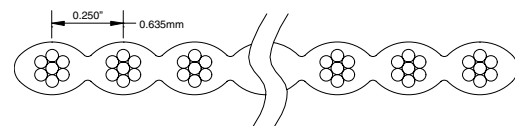
F28-A60G

RIBBON CABLE ROLLS 0.025"(0.635mm)

- 0.025" (.635mm) Center to Center Spacing
- 30 AWG Stranded Center Conductors
- UL Listed

F30-C68G

F30-C80G

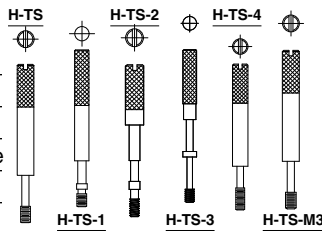




D - SUB BACK COVERS

THUMB SCREWS

- H-TS** 4/40 Thread, good for
- H-TS-1** D-Sub Hood
- H-TS-2** 4/40 Thread for molded hood
- H-TS-3** 4/40 Thread for DDN hood use
- H-TS-4** 4/40 Thread
- H-TS-M3** M3 Metric Thread



FITTING TABLE FOR D-SUB HOODS

HOOD SIZE	FITS REGULAR D-SUB	FITS HIGH-DENSITY D-SUB
9	DB-9	HD-15
15	DB-15	HD-26
25	DB-25	HD-44
37	DB-37	HD-62
50	DB-50	HD-78

PLASTIC WITH THUMB SCREWS

- Gray Plastic
- Includes Necessary Hardware for Assembly
- Metal Clamp Strain Relief
- Thumb Screw with Knurl



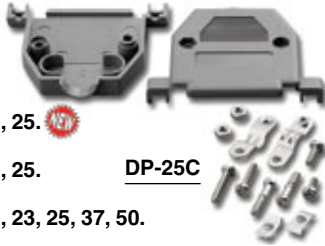
DDP-(XX)CT

XX= Pins: 9, 15, 25, 37, 50.

DDP-25CT

PLASTIC HOODS (Metal SR)

- Metal Clamp Strain Relief
- Includes Necessary Hardware for Assembly



Ivory DP-(XX)C-IV XX= Pins: 9, 15, 25. **NEW**

Black DP-(XX)C-BK XX= Pins: 9, 15, 25.

DP-25C

Gray DP-(XX)C XX= Pins: 9, 15, 23, 25, 37, 50.

Gray DP-(XX)C-RH XX= Pins: 9, 25. **NEW**

Gray DP-(XX)C-RL XX= Pins: 15, 37. **RoHS**



RH: Denotes RoHs compliance

RL: Denotes RoHs compliance and UL certified

GRAY PLASTIC HOODS (Nylon SR)

- Nylon Screw Strain Relief
- Includes Necessary Hardware for Assembly
- Hex Hole for Allen Wrench



DP-09C/S

DP-15C/S

DP-25C/S

45° STRAIN RELIEF PLASTIC HOOD

- Gray Plastic with Short Thumb Screw
- Includes All Necessary Hardware for Assembly
- Cable Exit Hole 45°



DP-09CR/T

DP-25CR/T

PLASTIC WITH THUMB SCREWS

- Gray Plastic
- Includes Necessary Hardware for Assembly
- Metal Clamp Strain Relief
- Thumb Screw with Knurl



DP-SPT-09C

DP-SPT-25C

METALIZED WITH THUMB SCREWS

- Metalized Plastic
- Includes Necessary Hardware for Assembly
- Metal Clamp Strain Relief
- Thumb Screw with Knurl



DDN-25CT

DDN-(XX)CT

XX= Pins: 9, 15, 19, 25, 37, 50.

METALIZED PLASTIC HOODS

- Light Weight Alternative for Die Cast Metal Hoods
- Includes Necessary Hardware for Assembly
- Metal Clamp Strain Relief



DN-15C

DN-(XX)C

XX= Pins: 9, 15, 25, 37, 50.

DN-(XX)C-RL **RoHS**

XX= Pins: 9, 25. **NEW**



RL: Denotes RoHs compliance and UL certified

METALIZED RIBBON D-SUB CABLE HOODS

- Metalized Plastic
- Includes All Necessary Hardware for Assembly
- Plain Plastic Available

DN-09CF

DN-25CF

DN-37CF



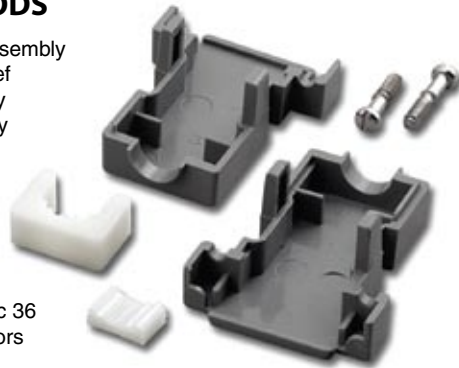
Please use only with IDC-(XX)FB or MB Series



SNAP SHUT HOODS

- Snap Shut Locking Assembly
- Snap Shut Strain Relief
- Includes All Necessary Hardware for Assembly

DP-09CB
DP-15CB
DP-25CB



DP-36CB For Centronic 36 Pin Connectors

RIBBON CABLE D-SUB HOODS

- Gray Plastic
- Includes All Necessary Hardware for Assembly
- Metalized Plastic Available

DP-09CF
DP-15CF
DP-25CF
DP-37CF



Please use only with IDC-(XX)FB or MB Series

DUAL EXIT HOOD (180° & 90° Exit)

- Single Piece Clamp Screw Shut Style Black DB 25 Hood
- Various Sizes of Strain Relief
- Includes All Necessary Hardware for Assembly

DP-25DA



SERIAL ADAPTOR HOODS

- Snap Shut Locking Assembly
- Includes All Necessary Hardware for Assembly

Gray **DP-15/9C-G**
DP-25/9C-G
Black **DP-25/9C-BK**
Metalized **DN-25/9C**



GENDER CHANGER HOODS

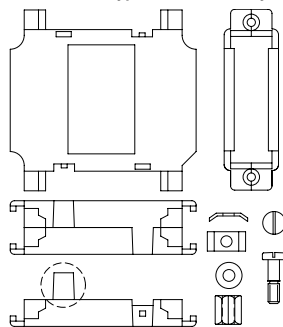
- Snap Shut Locking Assembly
- Includes All Necessary Hardware for Assembly

Metalized **DN-09JBC**
DN-15JBC
DN-25JBC

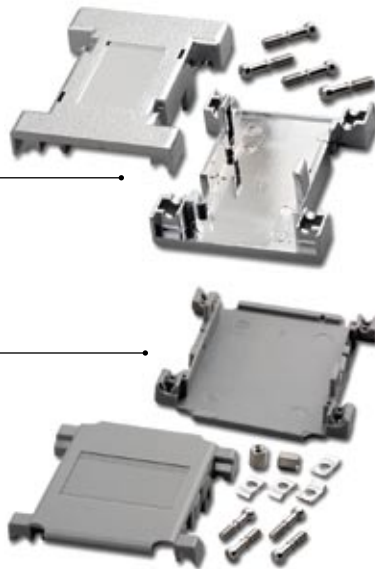
Plastic Gray Color **DP-09JBC-G**
DP-15JBC-G
DP-25JBC-G1
DP-25JBC-G2*
DP-25JBC-G3

Plastic Black Color **DP-09JBC-BK**
DP-15JBC-BK
DP-25JBC-BK1
DP-25JBC-BK2*
DP-25JBC-BK3

* Used for Solder Type Connector Only



DP-25JBC-BK2

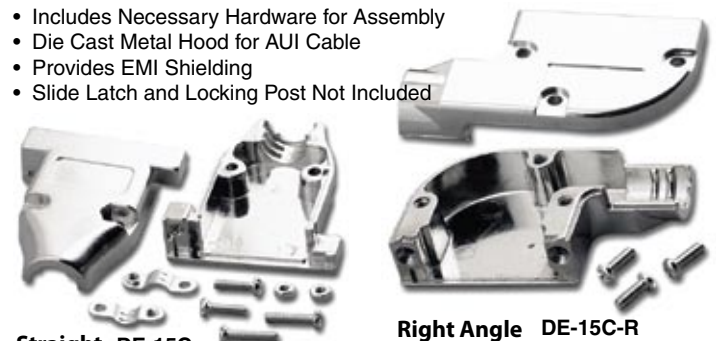


METAL ETHERNET HOOD

- Includes Necessary Hardware for Assembly
- Die Cast Metal Hood for AUI Cable
- Provides EMI Shielding
- Slide Latch and Locking Post Not Included

Straight **DE-15C**

Right Angle **DE-15C-R**



Slide Latch and Locking Post. Page 110

METAL HOODS

- Metal Clamp Strain Relief (Not Included in DM-9C)
- Includes Necessary Hardware for Assembly
- 9Pin Has Two Cable Exit Diameter Options Available
- Die Cast Metal Hood
- Provides EMI Shielding

DM-15C
DM-25C
DM-37C

DM-9C/6 6.5 mm Cable Exit Hole
DM-9C/8 8.5 mm





METAL HOODS W/ GROMMETS

- Includes Necessary Hardware for Assembly
- Rubber Grommets with various inside diameters for Strain Relief
- Packaged w/ 3 to 5 Grommets for each Hood
- Die Cast Metal Hood
- Provides EMI Shielding

Straight

DM-(XX)C/GR

XX= Pins: 9, 15, 25, 37, 50.



DM-50C/GR

GROMMETS FOR METAL HOODS

- Flexible, Rubber Material
- Each Set with Different Inside Diameter



Part #	Use On	O.D. (MM)	I.D. (mm)				
			1	2	3	4	5
DM-GR-9, 15	DM-9 or 15C/GR	10	5	6	7	8	9
DM-GR-25	DM-25C/GR	12	6	7	8	9	10
DM-GR-37, 50	DM-37 or 50C/GR	16	8.5	10	11.5	13	14.5

HARDWARE FOR HOODS

H-SET-25C Includes one set cord strain reliever wire holder, Saddle Washer, Shoulder Screw, 12mm 4/40 screw, 7.5mm 4/40 screw and nut. For DP25C



H-SET-25C/S Includes two each Saddle Washer, Shoulder screw, 12mm 4/40 screw, nut, and one plastic strain relief screw. For DP-25C/S



FOR AUI CABLE

HSL-15 Slide Latch

HSL-P Slide Lock Post Kit, Include 2 each Locking Post and 2 flat washers, 2 split washer



METAL HOODS WITH GROMMETS

- Includes Necessary Hardware for Assembly
- Rubber Grommets with Various Inside Diameters for Strain Relief
- Packaged with 3 to 5 Grommets for Each Hood
- Die Cast Metal Hood
- Provides EMI Shielding

Right Angle

DM-(XX)CR/GR

XX= Pins: 9, 15, 25.



DM-15CR/GR

DUST COVER FOR D-SUB

- Flexible Translucent Plastic
- Protects Connector from Dust and/or Moisture

Male DST-D(XX)P

Female DST-D(XX)S

XX= Pins: 9, 15, 25, 37.



DST-D09P



DST-D09S

DUST COVERS FOR CENTRONIC

- Flexible Translucent Plastic
- Protects Connector from Dust and/or Moisture

Male DST-57(XX)P

Female DST-57(XX)S

XX= Pins: 14, 36, 50.



DST-5736P



DST-5714S

SCREW LOCK KIT

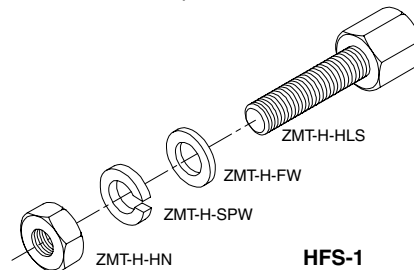
HFS-1 Include 1 short 4/40 Hex Locking Screw thread length 7.5mm, and 2 Flat washer, 1 split washer, and 1 nut.

HFS-1/SET Include 2 short 4/40 Hex Locking Screw thread length 7.5mm, and 4 Flat washer, 2 split washer, and 2 nut.

HFS-2 Include 1 Hex Locking Screw thread length 12 mm, and 2 Flat washer, 1 split washer, and 1 nut.

HFS-2/SET Include two 4/40 Hex Locking Screw thread length 12 mm, and 4 Flat washer, 2 split washer, and 2 nut.

HFS-3/SET Include 2 each Hex Locking Screw thread length 7.5mm, 4 Flat washer, 2 split washer, and 2 nut.

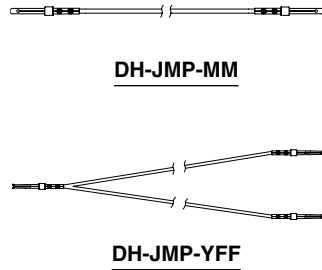


HFS-1



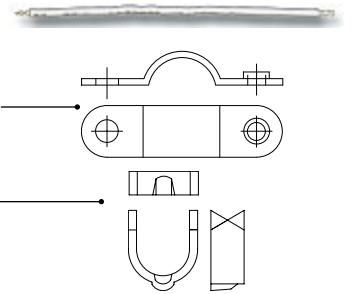
RS 232 PIN JUMPERS

DH-JMP-MM	Male to Male
DH-JMP-FF	Female to Female
DH-JMP-MT	Male to Tined
DH-JMP-FT	Female to Tined
DH-JMP-MF	Male to Female
DH-JMP-YMM	Y-Jumper, M-M-M
DH-JMP-YFF	Y-Jumper, F-F-F
DH-JMP-YFMM	Y-Jumper, F to M-M
DH-JMP-YMFF	Y-Jumper, M to F-F



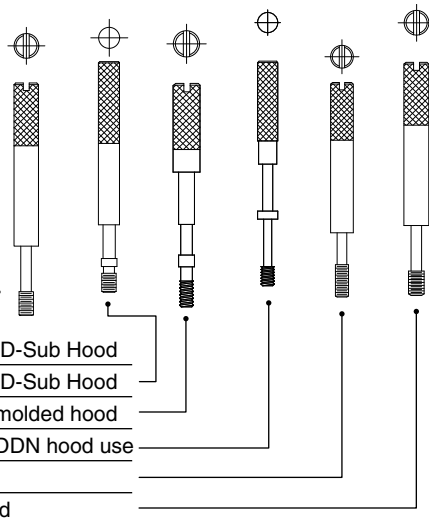
MISCELLANEOUS

H-JMPLED	Jumper Load Wire 26 awg, 2", 50/ bag
H-CSR09/S	Metal Cord Strain Relief
H-CSR25/S	Set for DB9 hoods, 100/Bag
MD-MTLCH	Mini Din Strain Relief Metal Latch, 100/Bag



THUMB SCREWS

- Machined Metal Screw
- 4-40 Thread
- Special Replacement for Regular Size Screw on DP-(XX) Hoods



H-TS	4/40 Thread, for D-Sub Hood
H-TS-1	4/40 Thread, for D-Sub Hood
H-TS-2	4/40 Thread for molded hood
H-TS-3	4/40 Thread for DDN hood use
H-TS-4	4/40 Thread
H-TS-M3	M3 Metric Thread

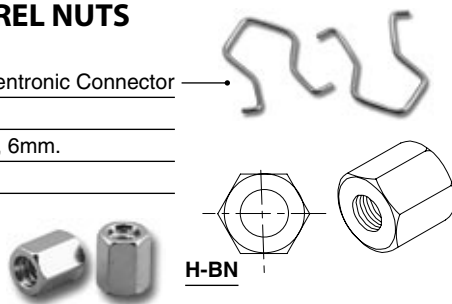
CAPTIVE SCREW & RETAINING CLIP

HRC-1	Include retaining Clip and Captive screw.
HRC-1/SET	Include 2 retaining Clip and 2 Captive Screw.

ZMT-H-CS	4/40 Captive Screw
ZMT-H-FW	Flat Washer for #4 Screw
ZMT-H-HLS 7.92	4/40 Hex Locking Screw 7.92mm Thread
ZMT-H-HLS 10.9	4/40 Hex Locking Screw 10.9mm Thread
ZMT-H-HLS 14.22	4/40 Hex Locking Screw 14.22mm Thread
ZMT-H-HN	4/40 Hex Nut
ZMT-H-RC	Retaining Clip for #4 Screw
ZMT-H-S	4/40 Screw for H-SET-9C, 25C, 25C/S
ZMT-H-SAW	Saddle Washer
ZMT-H-SPW	Split Washer for #4 Screw
ZMT-H-SS	4/40 Shoulder Screw. Half Threaded
ZMT-H-PSRS	Platic Strain Relief Screw
ZMT-HTS-ADM25-L-GR	4/40 Shoulder Screw for ADM-25

BAIL LOCK & BARREL NUTS

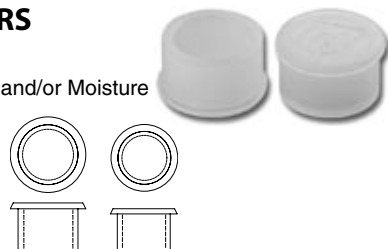
H-BL	Bail Locks for Centronic Connector
H-BN	4/40 Barrel nuts, 6mm.
H-BN1	4/40, 8mm.



MINI DIN DUST COVERS

- Protects Connector from Dust and/or Moisture
- Flexible Translucent Plastic

DST-MD8P	for 3 to 8 pin
DST-MD9P	for 9 pin



CHASSIS MOUNT MINI DIN SOCKET

- Solder Cup
- Plastic or Metal Mounting Base

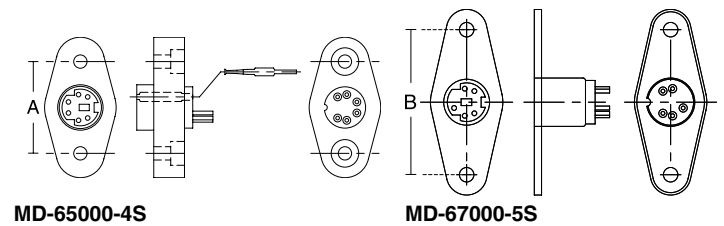
Plastic Mounting Base, A=20mm Distance

MD-65000-(X)S X= Contacts: 3, 4, 5, 6, 7, 8.

MD-67000-6S

Metal Mounting Base, Hole to Hole Distance B=30 mm

MD-67000-(X)S X= Contacts: 3, 4, 5, 6, 7, 8, 9.





MINI DIN & DIN CONNECTORS

DIN PLUGS, PLASTIC JACKET

- Assembly Type, Solder Cup Contacts, Complete with Strain Relief and Jacket
- Standard Solder Cup

DIN-46000-3P

DIN-46000-4P

DIN-46000-5P (180°)

DIN-46000-6P

DIN-46000-7P

DIN-46000-8P (270°)

DIN-46000-8P-262

DIN-46000-13P

DIN-46000-5P2 Solder Cup 240 degrees

DIN-46000-5P3 Solder Cup 360 degrees



DIN SOCKET, PLASTIC JACKET

- Assembly Type, Solder Cup Contacts, Complete with Strain Relief & Jacket
- Standard Solder Cup

DIN-46100-3S

DIN-46100-4S

DIN-46100-5S

DIN-46100-6S

DIN-46100-7S

DIN-46100-8S (270°)

DIN-46100-8S-262

DIN-46100-13S

DIN-46100-5S2 Solder Cup 240 degrees

DIN-46100-5S3 Solder Cup 360 degrees



DIN PLUG, METAL SHELL

- Assembly Type, Solder Cup
- Tin Plated, Metal Cable Lock
- Rubber Strain Relief

DIN-36000-3P

DIN-36000-5P (180°)

DIN-36000-6P

DIN-36000-7P

DIN-36000-8P (270°)

CHASSIS MOUNT DIN SOCKET

- Chassis Mount Din Sockets
- Solder Plugs for Solid Contact
- Standard Solder Cup

DIN-54000-3S

DIN-54000-4S

DIN-54000-5S (180°)

DIN-54000-6S

DIN-54000-7S

DIN-54000-8S (270°)

DIN-54000-8S-262

DIN-54000-5S2 Solder Cup 240 degrees

See Previous Page for Mini Din Panel Mount



DIN SOCKET, METAL SHELL

- Assembly Type, Solder Cup
- Tin Plated, Metal Cable Lock
- Rubber Strain Relief

DIN-36015-3S

DIN-36015-5S

DIN-36015-6S

DIN-36015-7S

DIN-36015-8S (270°)

DIN PLUG & SOCKET, MOLDING TYPE

DIN-47000-5S

DIN-47000-5P

DIN-47000-7P

DIN-47000-8P (270°)

DIN-47000-5S

MINI DIN CONNECTORS

- Assembly Type, Solder Cup Contacts, Jacket

Male MD-(X)P

Female MD-(X)S

X= Contacts: 3, 4, 5, 6, 7, 8, 9.

- Color Coded for Mouse or Keyboard.

MD-6P-GN

MD-6P-VL

MD-MTLCH Mini Din Strain Relief Metal Latch

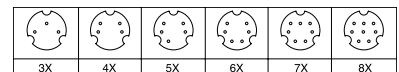
MD-4P

MD-4S



GN

VL



DUAL MD6 JACK

- For PS2: Keyboard & Mouse
- 90 Degree
- Double Shield

MD-26400-6SS-KM

MD-26400-6SS



SVHS CONNECTORS

- SVHS Plug (M) Solder Type Assembly
- Teflon (High Temp) Insulation

MD-SVHS-P65



- Replacement Back Hood with Various Inside Diameters

RBC-A175 Metal Back Hood I.D.= 7.5mm.

RBC-A180 Metal Back Hood I.D.= 8.0mm.



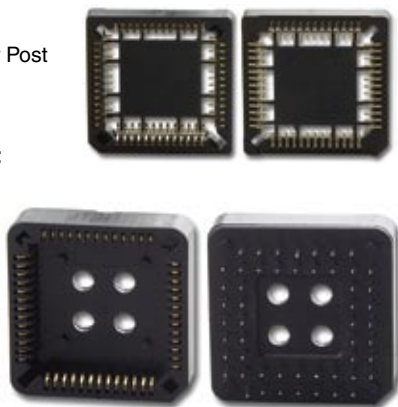


CHIP CARRIERS

- Gold Plated Contacts & Solder Post
- Plastic Leaded Chip Carrier
- Surface Mount Chip Carrier

Thru Hole **Surface Mount**

<u>PLCC-28</u>	<u>SMT-28 NT</u>
<u>PLCC-32</u>	<u>SMT-32 NT</u>
<u>PLCC-44</u>	<u>SMT-44 NT</u>
<u>PLCC-52</u>	<u>SMT-52 NT</u>
<u>PLCC-68</u>	<u>SMT-68 NT</u>
<u>PLCC-84</u>	<u>SMT-84 NT</u>



PLCC-28T Tin Plated Contacts

IC SOCKETS (Stamped Pins)

- Tin Plated, Stamped Contacts
- 0.1" (2.54mm) Pin Spacing
- Two Different Row Widths
- Narrow : A = 7.62 mm (0.3")
- Wide : A = 15.20 mm (0.6")

Narrow (0.3")

- SCS-06
- SCS-08
- SCS-14
- SCS-16
- SCS-18
- SCS-20
- SCS-22
- SCS-24
- SCS-28

Wide (0.6")

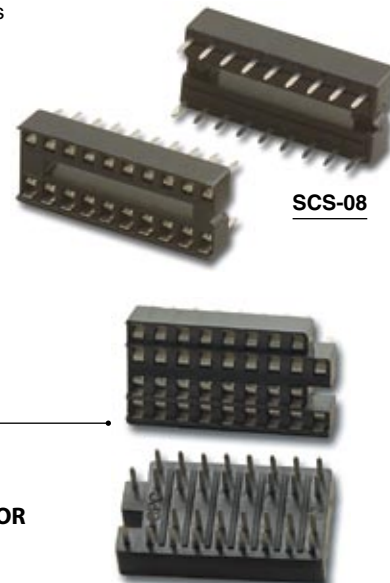
- SCL-24
- SCL-28
- SCL-32
- SCL-40

Multi Row

- SCS-34
- SCS-38

IC EXTRACTOR

SCS-IC-XTR



RIGHT ANGLE PCB MOUNT DIN SOCKET

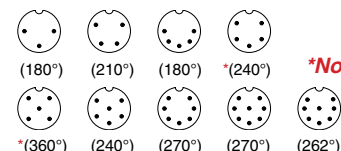
- 90 Degree Right Angle PCB Mount
- Tin Plated Solder Post
- Thru Hole, Suggest Hole Pattern Available
- 5 pin PCB mount socket

NON-SHIELD

- DIN-5500-3S
- DIN-5500-4S
- DIN-5500-5S (180°)
- DIN-5500-6S
- DIN-5500-7S
- DIN-5500-8S (270°)

SHIELD

- DIN-5500-3SS
- DIN-5500-4SS
- DIN-5500-5SS (180°)
- DIN-5500-6SS
- DIN-5500-7SS
- DIN-5500-8SS (270°)



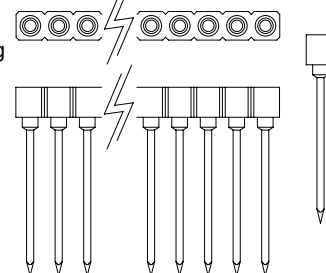
**Non-Stock, Special Order*

Other number of pins available, please call.

PIN SOCKETS (Machined Pins)

- Gold Plated, 4 Finger Beryllium Copper Contacts
- Tin Plated Outer Sleeve
- 0.10" (2.54mm) Pin Spacing
- Notched Sides For Cleaner Breaking

HQA-1X40 Wire Wrap Pins



IC SOCKET (Machined Pins)

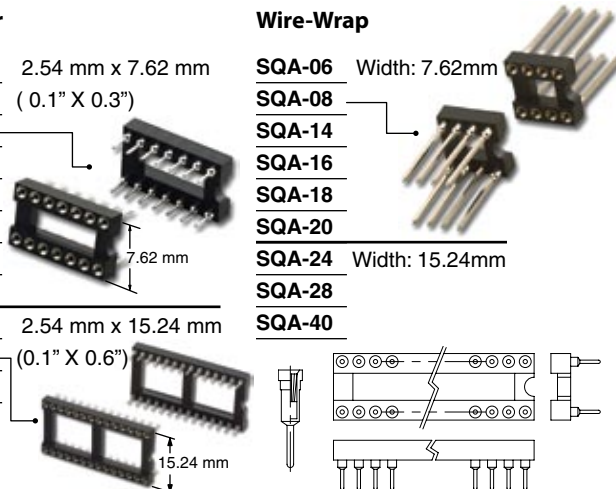
- Gold Plated, 4 Finger Beryllium Copper Contacts
- Tin Plated Outer Sleeve
- Pin Spacing: 8-22, 24N= 2.54 mm x 7.62 mm (0.1" X 0.3")
- 24-40= 2.54 mm x 15.24 mm (0.1" X 0.6")

Regular

- SQ-06 2.54 mm x 7.62 mm
- SQ-08 (0.1" X 0.3")
- SQ-14
- SQ-16
- SQ-18
- SQ-20
- SQ-22
- SQ-24N
- SQ-24 2.54 mm x 15.24 mm
- SQ-28 (0.1" X 0.6")
- SQ-40

Wire-Wrap

- SQA-06 Width: 7.62mm
- SQA-08
- SQA-14
- SQA-16
- SQA-18
- SQA-20
- SQA-24 Width: 15.24mm
- SQA-28
- SQA-40



PIN SOCKETS

- HQ-1X16
- HQ-1X20
- HQ-1X30
- HQ-1X40
- HQ-2X30



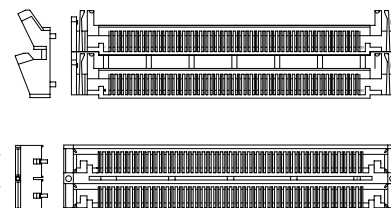
SIMM SOCKETS

- Sockets for Single Inline Memory Modules
- Tin Plated Contact
- Reliable Retention Clip
- Both Straight & Angled (LP: Low Profile) Configuration

Low Profile

- SIM-1X30LP Single Row
- SIM-2X30LP Dual Row

- SIM-2X30 Vertical Dual Row
- SIM-1X72 Vertical Single Row



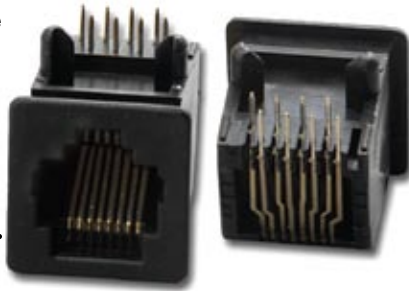


PCB MOUNT MODULAR JACKS

SIDE ENTRY, FULL FLANGED

- Gold Plated Contact
- Tin Plated Solder Tail
- Thru Hole, Suggested Hole Pattern Available
- Black Plastic

PT-J241-4C	Handset
PT-J242-6X4	6p4c
PT-J242-6X6	6p6c
PT-J243-8C	8p8c
PT-J244-8CK	8p8c Keyed



SIDE ENTRY, SPACE SAVER

- Shorter Size Only 0.68" Space From Front to Back
- No Panel Stop on the Side
- Gold Plated Contacts
- Tin Plated Solder Tail

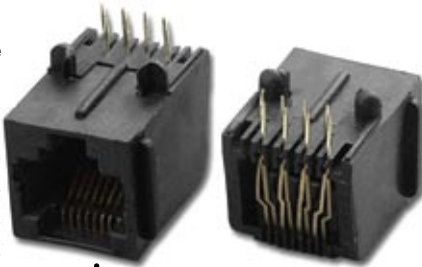
PT-J281-4C	Handset
PT-J282-6X4	6p4c
PT-J282-6X6	6p6c
PT-J283-8C	8p8c
PT-J284-8CK	8p8c Keyed



SIDE ENTRY, PANEL STOP

- Gold Plated Contact
- Tin Plated Solder Tail
- Thru Hole, Suggested Hole Pattern Available
- Black Plastic

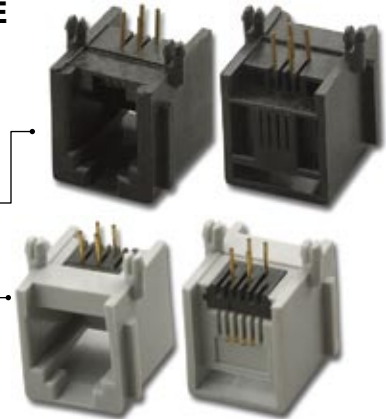
PT-J249-4C	Handset
PT-J250-6DEC	Dec Type
PT-J250-6X4	6p4c
PT-J250-6X6	6p6c
PT-J251-8C	8p8c
PT-J252-8CK	8p8c Keyed



SIDE ENTRY, SLIM SIZE

- Gold Plated Contacts
- Solder Tail
- With Panel Stop
- Narrow Face With 0.48" Side to Side

PT-J623SS-44BK	Handset
PT-J623SS-44GR	Handset
PT-J623SS-64BK	6p4c
PT-J623SS-64GR	6p4c
PT-J623SS-66BK	6p6c
PT-J623SS-66GR	6p6c



TOP ENTRY, PANEL STOP

- Gold Plated Contact
- Tin Plated Solder Tail
- Thru Hole, Suggested Hole Pattern Available
- Black Plastic

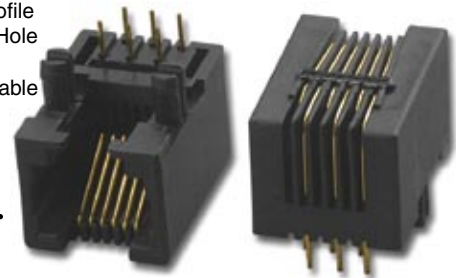
PT-J257-4C	Handset
PT-J258-6X4	6p4c
PT-J258-6X6	6p6c
PT-J259-8C	8p8c
PT-J260-8CK	8p8c Keyed



SIDE ENTRY, LOW PROFILE

- Gold Plated Contacts & Solder Tail
- No Panel Stop
- 0.46" Top to Bottom Profile
- Thru Hole; Suggested Hole Pattern Available
- Top Entry Version Available

PT-J951-44	Handset
PT-J951-64	6p4c
PT-J951-66	6p6c
PT-J951-8C	8p8c



TOP ENTRY, SHIELDED

- 50μ"Gold Plated Contact
- Thru Hole, Suggested Hole Pattern Available
- Black Plastic
- Metal Shielded Jack
- RJ-45, 8P8C Jack

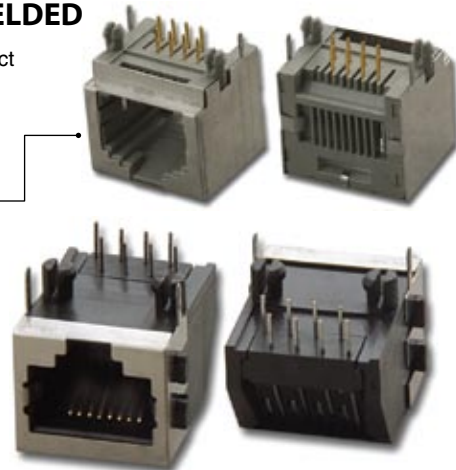
PTS-J259-8CS-50UL



SIDE ENTRY, SHIELDED

- 50μ"Gold Plated Contact
- Thru Hole, Suggested Hole Pattern Available
- Black or Gray Plastic
- Metal Shielded Jack

PTS-J531-8CS-50UL
RJ-45, 8P8C Jack
PTS-J250-8CS-50UL
RJ-45, 8P8C Jack



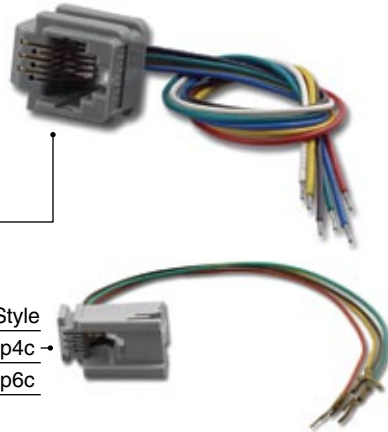


JACKS WITH LEAD WIRES

- Gold Plated Contacts
- Standard 6" length lead wires, stripped and tinned

PT-J623D4-6"	6p4c
PT-J623D6-6"	6p6c
PT-J623K4-6"	6p4c
PT-J623K6-6"	6p6c

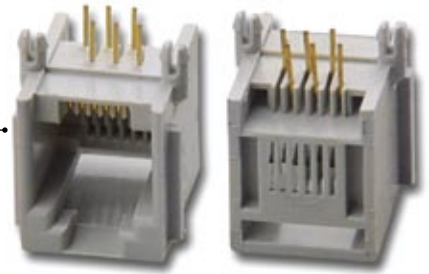
PT-J616L4-6"	4p4c, 'L' Style
PT-J623D4-6"-SPD	Spaded 6p4c
PT-J623D6-6"-SPD	Spaded 6p6c



SIDE ENTRY, PHONE APPLICATION

- Gold Plated Contacts & Solder Tail
- Gray Plastic Housing
- Panel Stop on Top
- Thru Hole; Suggested Hole Pattern Available

PT-J616-4C	Handset
PT-J623-6X4	6p4c
PT-J623-6X6	6p6c
PT-J623-8C	8p8c
PT-J623-8CK	8p8c Keyed



SIDE ENTRY, GANG JACKS

- Gold Plated Contacts, Tin Plated Solder Tail
- Thru Hole, Suggested Hole Pattern Available
- Up to 8 Ports Available

6 Position 4 Conductor

PT-JGN2-6X4	2 Ports
PT-JGN3-6X4	3 Ports
PT-JGN4-6X4	4 Ports

6 Position 6 Conductor

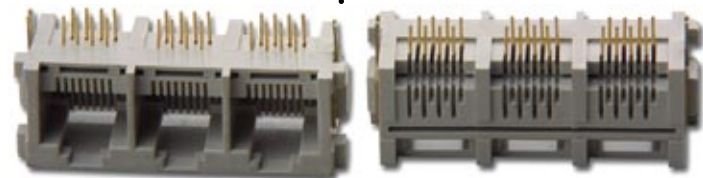
PT-JGN2-6X6	2 Ports
PT-JGN3-6X6	3 Ports
PT-JGN4-6X6	4 Ports

8P8C 50m" gold plated

PT-JGN2-566	2 Ports
PT-JGN2-588	2 Ports
PT-JGN3-588	3 Ports
PT-JGN4-588	4 Ports

8 Position 8 Conductor

PT-JGN2-8X8	2 Ports
PT-JGN3-8X8	3 Ports
PT-JGN4-8X8	4 Ports



TOP ENTRY, GANG JACKS

- Gold Plated Contacts, Tin Plated Solder Tail
- Thru Hole, Suggested Hole Pattern Available
- Up to 8 Ports Available

6 Position 4 Conductor

PT-JGT2-6X4	2 Ports
PT-JGT3-6X4	3 Ports
PT-JGT4-6X4	4 Ports

6 Position 6 Conductor

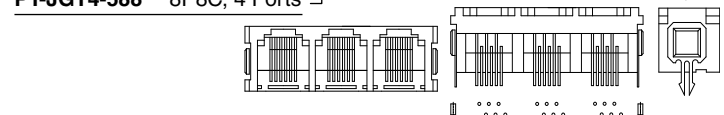
PT-JGT2-6X6	2 Ports
PT-JGT3-6X6	3 Ports
PT-JGT4-6X6	4 Ports

50μ" gold plated

PT-JGT2-566	6P6C, 2 Ports
PT-JGT2-588	8P8C, 2 Ports
PT-JGT3-588	8P8C, 3 Ports
PT-JGT4-588	8P8C, 4 Ports

8 Position 8 Conductor

PT-JGT2-8X8	2 Ports
PT-JGT3-8X8	3 Ports
PT-JGT4-8X8	4 Ports



D-SUB P.C.B STRAIGHT (180°) TYPE

- Gold Plated Pins & Contacts
- White Plastic Fillings
- 180° Top Entry
- Both Tin & Chrome Plated Shell Available
- Grounding Indents on Tin plated Plug Shell only



Male	Male / Tin Plated Shell	Female	Female/ Tin Plated Shell
DI-09P		DI-09S	
DI-15P	DI-09P/T	DI-15S	DI-09S/T
DI-19P	DI-15P/T	DI-19S	DI-15S/T
DI-25P	DI-19P/T	DI-25S	DI-19S/T
DI-37P	DI-25P/T	DI-37S	DI-25S/T
DI-50P	DI-37P/T	DI-50S	DI-37S/T

HIGH DENSITY P.C.B STRAIGHT (180°) TYPE

- Gold Plated Pins & Contacts
- White Plastic Fillings
- 180° Top Entry
- Tin Plated Shell with Grounding Indents



Male	Female
DHI-15P	DHI-15S
DHI-26P	DHI-26S
DHI-44P	DHI-44S
DHI-62P	DHI-62S





PCB MOUNT CONNECTORS

IEEE-1394

6 Pin Right Angle PCB Socket

I3E-1394-6R-PCB

FireWire!!!



CENTRONIC RIGHT ANGLE

- Gold Plated Contacts
- Tin Plated Solder Tail
- Blue Plastic and Metal Shell
- Female Connectors w/ Bail Lock



Male

57-(XX)PR

XX= Pins: 14, 36, 50.

Female

57-(XX)SR

XX= Pins: 14, 24, 36, 50.

MINI DIN SOCKET

- 90 Degree Right Angle PCB Mount
- Tin Plated Solder Post
- Both Single & Double Shielded Available
- Thru Hole, Suggest Hole Pattern Available



Single Shielded

MD-64000-(X)S

XX= Pins: 3, 4, 5, 6, 7, 8, 9.

Double Shielded

MD-64000-(X)SS

BNC

- Gold Plated Contacts
- Tin Plated Solder Post
- Die Cast Metal Body
- Suggested PCB Layout Available



BNC-3878 180° Straight Jack

BNC-3879H High Profile Jack Right Angle
H: 15.6mm (Reference)

BNC-3879L Low Profile Jack Right Angle
H: 13.1mm (Reference)



CENTRONIC STRAIGHT (180°)

- Gold Plated Contacts
- PBT insulator
- 180° Top Entry
- Tin Plated Shell
- Tin plated PCB pins
- Female Bail Lock on female connectors only

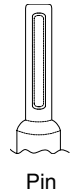


57-20360PCB-D

with 4-40 Female screwlocks

Male	No. of Pins	Female
57-10140PCB	14	57-20140PCB
57-10240PCB	24	57-20240PCB
57-10360PCB	36	57-20360PCB
57-10500PCB	50	57-20500PCB

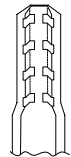
57-10500PCB-N



Pin

No Bail Lock

Male	No. of Pins	Female
57-10140PCB-N	14	57-20240PCB-N
57-10240PCB-N	24	
57-10360PCB-N	36	
57-10500PCB-N	50	



Pin

TNC

- Gold Plated Contacts
- Tin Plated Solder Post
- PBT Polyester Housing

TNC-3478

180° Straight Jack

TNC-3479L

Right Angle Low Profile Jack



MICROWAVE RF

- Teflon Insulation
- 10 Micro Gold Plated Body
- 50 Micro Gold Plated Pin

SMA-2770 180° Straight Jack

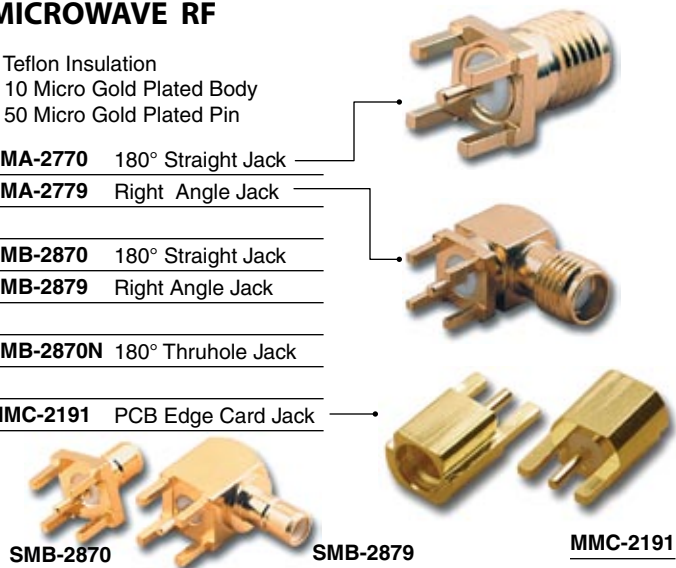
SMA-2779 Right Angle Jack

SMB-2870 180° Straight Jack

SMB-2879 Right Angle Jack

SMB-2870N 180° Thruhole Jack

MMC-2191 PCB Edge Card Jack



SMB-2870

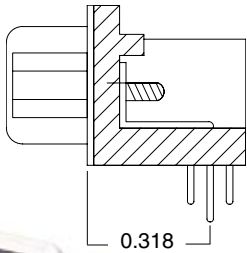
SMB-2879

MMC-2191



D-SUB RIGHT ANGLE (.318")

- 4-40 Female Screwlock and Board Locks
- Gold Plated Contacts and Solder Post
- Plug with Grounding Indents on Shell
- Footprint = 0.318"



Male

DRB-09PR
DRB-15PR
DRB-23PR
DRB-25PR
DRB-37PR

Female

DRB-09SR
DRB-15SR
DRB-23SR
DRB-25SR
DRB-37SR
DRB-50SR



D-SUB RIGHT ANGLE (.318")

- 4-40 Threaded Insert and Board Locks
- Gold Plated Contacts and Solder Post
- Plug with Grounding Indents on Shell
- Footprint = 0.318"

Male

DRB-09PR-D
DRB-15PR-D
DRB-25PR-D



Female

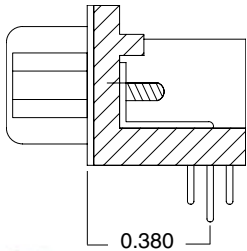
DRB-09SR-D
DRB-15SR-D
DRB-25SR-D

DRB-25SL-D



D-SUB RIGHT ANGLE (.380")

- Gold Plated Contacts and Solder Post
- 4-40 Female Screwlock and Board Locks
- Plug with Grounding Indents on Shell
- Footprint = 0.380"

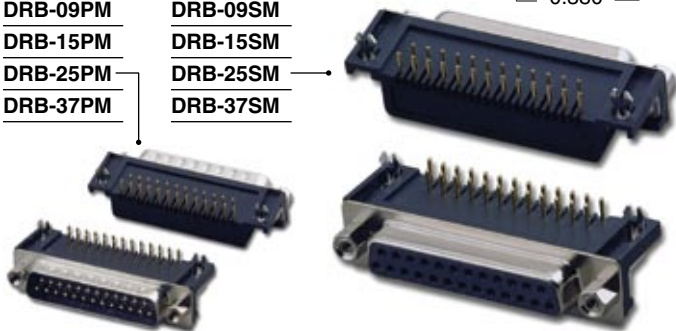


Male

DRB-09PM
DRB-15PM
DRB-25PM
DRB-37PM

Female

DRB-09SM
DRB-15SM
DRB-25SM
DRB-37SM



HIGH DENSITY RIGHT ANGLE D-SUB

- Gold Plated Contacts and Solder Post
- 4-40 Female Screwlock and Board Locks
- Plug w/ Grounding Indents on Shell
- Footprint = 0.350"

Male

DHR-H15PR-D
DHR-H26PR-D
DHR-H44PR-D
DHR-H62PR-D

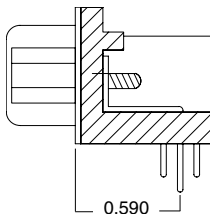


Female

DHR-H15SR-D
DHR-H26SR-D
DHR-H44SR-D
DHR-H62SR-D

D-SUB RIGHT ANGLE (.590")

- Gold Plated Contacts and Solder Post
- 4-40 Female Screwlock and Board Locks
- Plug with Grounding Indents on Shell
- Foot Print = 0.590"



Male

DRB-09PL
DRB-15PL
DRB-25PL
DRB-37PL

Female

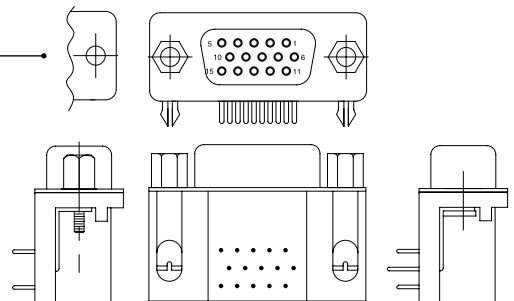
DRB-09SL
DRB-15SL
DRB-25SL
DRB-37SL



- 4-40 Threaded Insert

Female

DHR-H15SR
DHR-H26SR
DHR-H44SR
DHR-H62SR



* 4-40 Threaded Insert Option Available



FLEX CIRCUIT PCB CONNECTOR FOR PCB

- SFB-02
- SFB-03
- SFB-04
- SFB-05
- SFB-06
- SFB-07
- SFB-08
- SFB-09
- SFB-10
- SFB-11
- SFB-12
- SFB-13
- SFB-14
- SFB-15
- SFB-16
- SFB-17
- SFB-18
- SFB-19
- SFB-20
- SFB-21
- SFB-22
- SFB-23
- SFB-24
- SFB-25
- SFB-26
- SFB-27
- SFB-28
- SFB-29
- SFB-30



SFB-17



SFB-20

Right Angle

- SFB-02R
- SFB-03R
- SFB-04R
- SFB-05R
- SFB-06R
- SFB-07R
- SFB-08R
- SFB-09R
- SFB-10R
- SFB-11R
- SFB-12R
- SFB-13R
- SFB-14R
- SFB-15R
- SFB-16R
- SFB-17R
- SFB-18R
- SFB-19R
- SFB-20R
- SFB-21R
- SFB-22R
- SFB-23R
- SFB-24R
- SFB-25R
- SFB-26R
- SFB-27R
- SFB-28R
- SFB-29R
- SFB-30R



SFB-17R



SFB-20R

BOXED HEADERS (.1"X.1")

- Gold Plated Contacts & Solder Post
- 0.1" x 0.1" Center
- Low Profile, Polarized, Fully Shrouded Body

Right Angle

- SBH-10R
- SBH-14R
- SBH-16R
- SBH-20R
- SBH-26R
- SBH-30R
- SBH-34R
- SBH-40R
- SBH-50R
- SBH-60R
- SBH-64R

Straight

- SBH-10S
- SBH-14S
- SBH-16S
- SBH-20S
- SBH-24S
- SBH-26S
- SBH-30S
- SBH-34S
- SBH-40S
- SBH-50S
- SBH-60S
- SBH-64S

SBH-20R



SBH-20S



BOXED HEADERS (2.00mm)

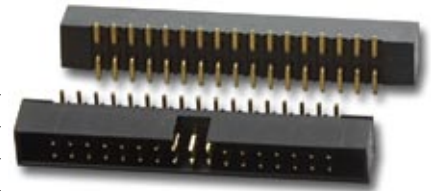
- Gold Plated Contacts & Solder Post
- 2.00mm (0.079") Centered
- Low Profile, Fully Shrouded Polarized Body

Surface Mount

- SBE-12SMT
- SBE-20SMT
- SBE-22SMT
- SBE-34SMT
- SBE-40SMT
- SBE-44SMT
- SBE-50SMT
- SBE-68SMT

Straight

- SBE-10S
- SBE-12S
- SBE-20S
- SBE-22S
- SBE-34S
- SBE-40S
- SBE-44S
- SBE-50S
- SBE-68S



SBE-34SMT



SBE-44S

LATCHED HEADERS (.1"X.1")

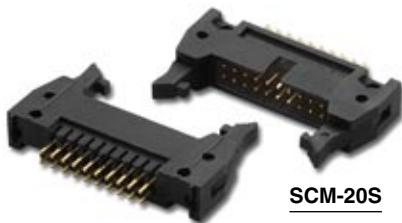
- Gold Plated Contacts & Solder Post
- 0.1" x 0.1" Center
- Fully Shrouded Polarized Body
- Latch / Ejector

Straight

- SCM-10S
- SCM-14S
- SCM-16S
- SCM-20S
- SCM-26S
- SCM-30S
- SCM-34S
- SCM-40S
- SCM-44S
- SCM-50S
- SCM-60S
- SCM-64S

Right Angle

- SCM-10R
- SCM-14R
- SCM-16R
- SCM-20R
- SCM-24R
- SCM-26R
- SCM-30R
- SCM-34R
- SCM-40R
- SCM-44R
- SCM-50R
- SCM-60R
- SCM-64R



SCM-20S

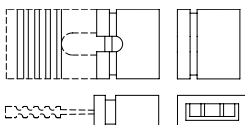


SCM-44R

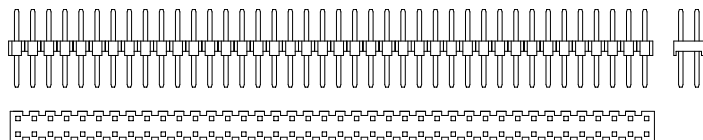


HEADER STRIPS & JUMPERS, 0.1" CENTER

- Gold Plated Square Pin
- Side Notched Strips for Cleaner Breaking
- 0.1" Centered



PLS-40S	Single Row, Straight
PLS-40R	Single Row, Right Angle
PLD-80S	Double Row, Straight
PLD-80R	Double Row, Right Angle
PLS-MJ-02	Mini-Jumper, Open Type; <i>Height.: 0.235"</i>
PLS-MJ-02/CL	Mini-Jumper, Closed Type; <i>Height.: 0.255"</i>
PLS-MJ-02/ST	Mini-Jumper, Short Type; <i>Height.: 0.176"</i>
PLS-MJ-02/H	Mini-Jumper, with Handle; <i>Height.: 0.548"</i>

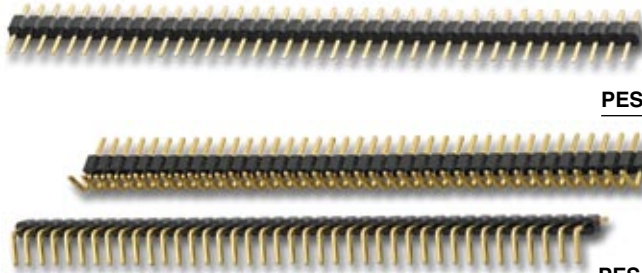


PLD-80S

HEADER STRIPS & JUMPERS, 2.0 mm CENTER

- Gold Plated Square Pin
- Notched Strips for Cleaner Breaking
- 1.0mm Spacing
- 2.0mm Center

PES-40S	Single Row, Straight
PES-40R	Single Row, Right Angle
PED-80S	Double Row, Straight
PED-80R	Double Row, Right Angle
PES-MJ-02	Mini-Jumper, Open Type

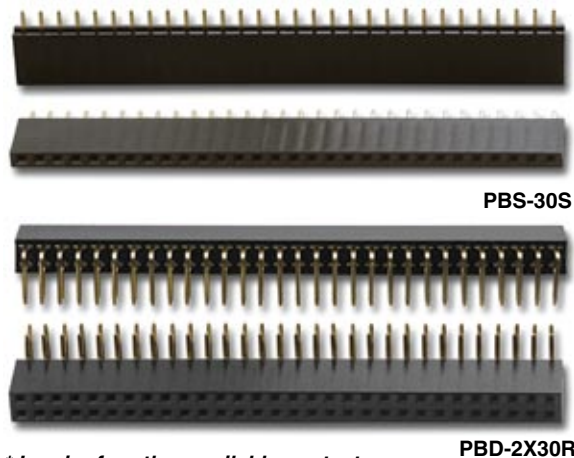


PES-40S

PES-40R

HEADER SOCKETS (.1"X.1")

- Gold Plated Contacts
- For parallel and perpendicular board stacking
- PCB to Harness and PCB to Chassis Connections



PBS-30S

PBD-2X30R

* Inquire for other available contacts

Straight

Single Row

PBS-02S
PBS-03S
PBS-04S
PBS-05S
PBS-06S
PBS-07S
PBS-08S
PBS-09S
PBS-10S
PBS-14S
PBS-16S
PBS-20S
PBS-28S
PBS-30S
PBS-40S

Dual Row

PBD-2X2S
PBD-2X3S
PBD-2X4S
PBD-2X5S
PBD-2X6S
PBD-2X7S
PBD-2X8S
PBD-2X9S
PBD-2X10S
PBD-2X13S
PBD-2X17S
PBD-2X20S
PBD-2X25S
PBD-2X30S
PBD-2X40S

Right Angle

Single Row

PBS-02R
PBS-03R
PBS-04R
PBS-05R
PBS-06R
PBS-07R
PBS-08R
PBS-09R
PBS-10R
PBS-20R
PBS-30R
PBS-40R

Dual Row

PBD-2X2R
PBD-2X3R
PBD-2X4R
PBD-2X5R
PBD-2X6R
PBD-2X7R
PBD-2X8R
PBD-2X9R
PBD-2X10R
PBD-2X17R
PBD-2X20R
PBD-2X30R
PBD-2X40R

POWER PLUG

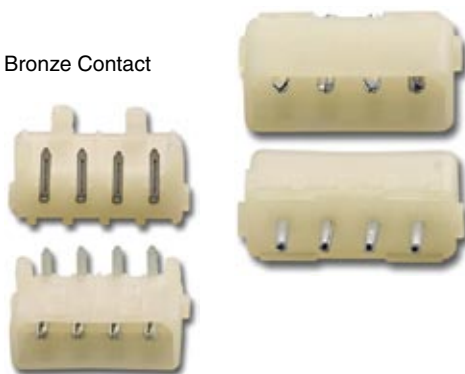
- Tin Plated Phosphor Bronze Contact
- Nylon Housing
- Friction Lock

Straight

TP-4S

Right Angle

TP-4R



POWER HOUSING

- 4 Circuits Nylon Housing
- 18 - 22 AWG
- Mates With 0.084 " Crimp Terminal
- PC Type Internal Power Connector

TH-4P Male Housing

TH-4S Female Housing

TH-P/M Male Crimp Pin

TH-P/F Female Crimp Pin





TERMINAL HOUSING

NYLON HOUSINGS (2.54 mm)

- 0.1" (2.54mm) Centered
- 66 Nylon, UL 94. Vo
- Pins Not Included
- See Left for Male PCB Mount Counterpart

MLX-HU02	MLX-HU12
MLX-HU03	MLX-HU13
MLX-HU04	MLX-HU14
MLX-HU05	MLX-HU15
MLX-HU06	MLX-HU16
MLX-HU07	MLX-HU17
MLX-HU08	MLX-HU18
MLX-HU09	MLX-HU19
MLX-HU10	MLX-HU20
MLX-HU11	



MLX-HU06

NYLON HOUSINGS (3.96 mm)

- 3.96mm (0.156") Centered
- 66 Nylon, UL 94. Vo
- Pins Not Included
- See Left for Male PCB Mount Counterpart

MLX-PHU02	MLX-PHU10
MLX-PHU03	MLX-PHU11
MLX-PHU04	MLX-PHU12
MLX-PHU05	MLX-PHU13
MLX-PHU06	MLX-PHU14
MLX-PHU07	MLX-PHU15
MLX-PHU08	MLX-PHU16
MLX-PHU09	



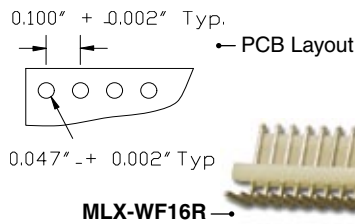
MLX-PHU07

Right Angle

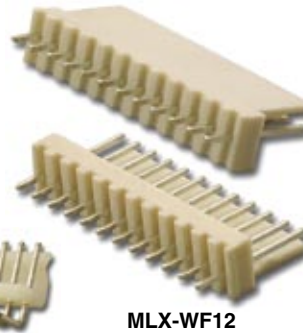
MLX-WF02R	MLX-WF12R
MLX-WF03R	MLX-WF13R
MLX-WF04R	MLX-WF14R
MLX-WF05R	MLX-WF15R
MLX-WF06R	MLX-WF16R
MLX-WF07R	MLX-WF17R
MLX-WF08R	MLX-WF18R
MLX-WF09R	MLX-WF19R
MLX-WF10R	MLX-WF20R
MLX-WF11R	

NYLON PCB HEADERS (Wafer, 2.54 mm)

- 2.54mm (0.1") Centered
- Tin Plated Brass Pins
- 66 Nylon, UL 94. Vo
- Wafer is PCB Mount



MLX-WF16R



MLX-WF12

Regular

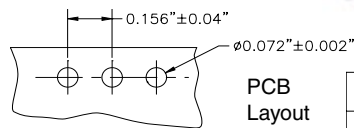
MLX-WF02	MLX-WF12
MLX-WF03	MLX-WF13
MLX-WF04	MLX-WF14
MLX-WF05	MLX-WF15
MLX-WF06	MLX-WF16
MLX-WF07	MLX-WF17
MLX-WF08	MLX-WF18
MLX-WF09	MLX-WF19
MLX-WF10	MLX-WF20
MLX-WF11	

Right Angle

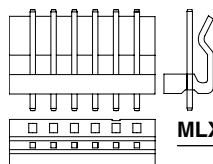
MLX-PWL02R	MLX-PWL12R
MLX-PWL03R	MLX-PWL13R
MLX-PWL04R	MLX-PWL14R
MLX-PWL05R	MLX-PWL15R
MLX-PWL06R	MLX-PWL16R
MLX-PWL07R	MLX-PWL17R
MLX-PWL08R	MLX-PWL18R
MLX-PWL09R	MLX-PWL19R
MLX-PWL10R	MLX-PWL20R
MLX-PWL11R	

NYLON PCB HEADERS (Wafer, 3.96 mm)

- 3.96mm (0.156") Centered
- Tin Plated Brass Pins
- 66 Nylon, UL 94. Vo
- Wafer is PCB Mount



MLX-PWL08



MLX-PWL06

Regular

MLX-PWL02	MLX-PWL10
MLX-PWL03	MLX-PWL11
MLX-PWL04	MLX-PWL12
MLX-PWL05	MLX-PWL13
MLX-PWL06	MLX-PWL14
MLX-PWL07	MLX-PWL15
MLX-PWL08	MLX-PWL16
MLX-PWL09	

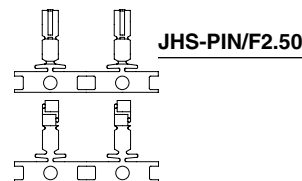
TERMINAL HOUSING PINS

- Tin Plated Copper
- Self Captive Latch
- On Reel

BHS-PIN/F2.00	Female Pin for BHS & HHD
BLS-PIN/F	Female Pin for BLS & BLD Housing
JHS-PIN/F2.50	Female Pin for JHS Housing
KHS-PIN/F2.00	Female Pin for KHS Housing
MLX-PIN/F2.54	Female Pin for MLX-HU Housing*
MLX-PIN/F3.96	Female Pin for MLX-PHU Housing*



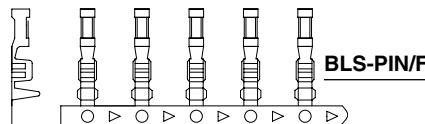
BHS-PIN/F2.00



JHS-PIN/F2.50



MLX-PIN/F2.54



BLS-PIN/F

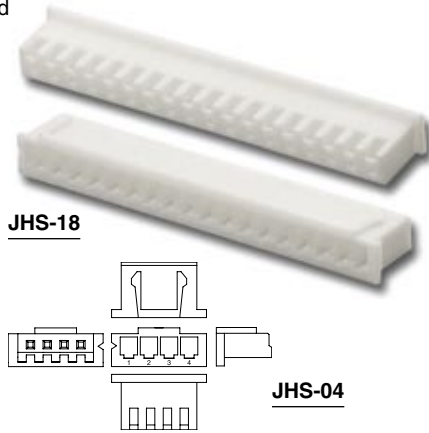
* Crimp Tool PHT-98-601 (See PG 36 for Details)



NYLON HOUSINGS (2.50 mm)

- 2.50mm(0.098") Centered
- 66 Nylon, UL 94. V0

<u>JHS-02</u>	<u>JHS-12</u>
<u>JHS-03</u>	<u>JHS-13</u>
<u>JHS-04</u>	<u>JHS-14</u>
<u>JHS-05</u>	<u>JHS-15</u>
<u>JHS-06</u>	<u>JHS-16</u>
<u>JHS-07</u>	<u>JHS-17</u>
<u>JHS-08</u>	<u>JHS-18</u>
<u>JHS-09</u>	<u>JHS-19</u>
<u>JHS-10</u>	<u>JHS-20</u>
<u>JHS-11</u>	

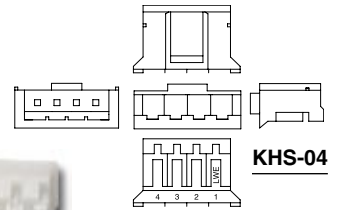


JHS-PIN/F2.50 Female Pin for JHS Housing, on Reel

NYLON HOUSINGS (2.00 mm)

- 2.00mm(0.079") Centered
- 66 Nylon, UL 94. V0
- CD ROM Audio Connector

<u>KHS-02</u>
<u>KHS-03</u>
<u>KHS-04</u>
<u>KHS-05</u>
<u>KHS-06</u>
<u>KHS-07</u>
<u>KHS-08</u>
<u>KHS-09</u>
<u>KHS-10</u>



KHS-09

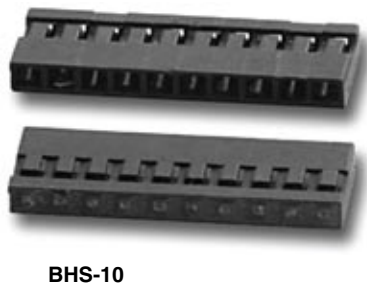
KHS-PIN/F2.00 Female Pin for KHS Housing, on Reel

* Other number of pins also available, please call for Quote

BLACK TERMINAL HOUSINGS (2.00 mm)

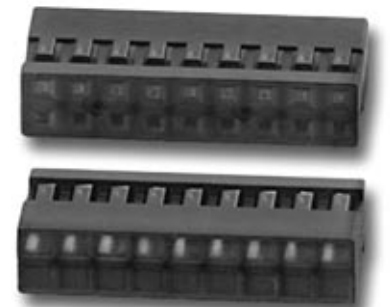
- 2.00mm(0.079 ") Centered
- Mini Latch
- Single Row

<u>BHS-02</u>	<u>BHS-07</u>
<u>BHS-03</u>	<u>BHS-08</u>
<u>BHS-04</u>	<u>BHS-09</u>
<u>BHS-05</u>	<u>BHS-10</u>
<u>BHS-06</u>	<u>BHS-20</u>



BHS-10

<u>BHD-2X2</u>	04 Pins
<u>BHD-2X3</u>	06 Pins
<u>BHD-2X4</u>	08 Pins
<u>BHD-2X5</u>	10 Pins
<u>BHD-2X6</u>	12 Pins
<u>BHD-2X7</u>	14 Pins
<u>BHD-2X8</u>	16 Pins
<u>BHD-2X9</u>	18 Pins
<u>BHD-2X10</u>	20 Pins
<u>BHD-2X22</u>	44 Pins
<u>BHD-2X25</u>	50 Pins



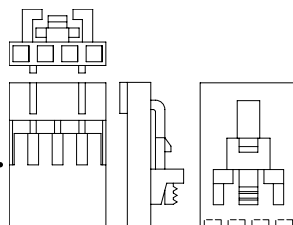
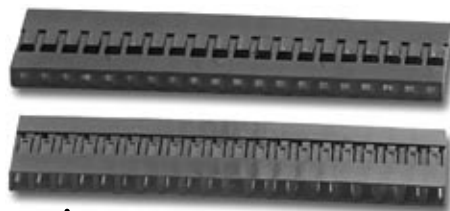
BHD-2x9

BHS-PIN/F2.00 Female Housing Pin for BLS & BLD Series, on Reel

BLACK TERMINAL HOUSINGS (2.54 mm)

- 2.4mm(0.1") Centered
- Mini Latch
- Mates with 0.025" Pins
- Single Row

<u>BLS-01</u>	<u>BLS-07</u>
<u>BLS-02</u>	<u>BLS-08</u>
<u>BLS-03</u>	<u>BLS-09</u>
<u>BLS-04</u>	<u>BLS-10</u>
<u>BLS-05</u>	<u>BLS-20</u>
<u>BLS-06</u>	<u>BLS-40</u>



BLS-4K 4C Keyed, Single Row

<u>BLD-2X2</u>	4 Pins
<u>BLD-2X3</u>	6 Pins
<u>BLD-2X4</u>	8 Pins
<u>BLD-2X5</u>	10 Pins
<u>BLD-2X6</u>	12 Pins
<u>BLD-2X7</u>	14 Pins
<u>BLD-2X8</u>	16 Pins
<u>BLD-2X9</u>	18 Pins
<u>BLD-2X10</u>	20 Pins
<u>BLD-2X20</u>	40 Pins
<u>BLD-2X22</u>	44 Pins
<u>BLD-2X25</u>	50 Pins



BLD-2x8

BLS-PIN/F Female Housing Pin for BLS & BLD Series



TECHNICAL REFERENCE INFORMATION

TIP/ RING	25 Pair Cable Color Code Insulation/band	TELCO Pin #	USOC wiring RJ11 6P4C	USOC wiring RJ11 6P6C	USOC wiring RJ45 8P8C	TIA 568A (Standard) RJ45 8P8C	TIA 568B (AT&T) RJ45 8P8C	10 Base T (Ethernet) RJ45 8P4C
T1	WHITE/BLUE	26	4	4	5	5	5	1
R1	BLUE/WHITE	1	3	3	4	4	4	2
T2	WHITE/ORANGE	27	2	2	3	3	1	3
R2	ORANGE/WHITE	2	5	5	6	6	2	6
T3	WHITE/GREEN	28	4	1	2	1	3	1
R3	GREEN/WHITE	3	3	6	7	2	6	2
T4	WHITE/BROWN	29	2	4	1	7	7	3
R4	BROWN/WHITE	4	5	3	8	8	8	6
T5	WHITE/SLATE	30	4	2	5	5	5	1
R5	SLATE/WHITE	5	3	5	4	4	4	2
T6	RED/BLUE	31	2	1	3	3	1	3
R6	BLUE/RED	6	5	6	6	6	2	6
T7	RED/ORANGE	32	4	4	2	1	3	1
R7	ORANGE/RED	7	3	3	7	2	6	2
T8	RED/GREEN	33	2	2	1	7	7	3
R8	GREEN/RED	8	5	5	8	8	8	6
T9	RED/BROWN	34	4	1	5	5	5	1
R9	BROWN/RED	9	3	6	4	4	4	2
T10	RED/SLATE	35	2	4	3	3	1	3
R10	SLATE/RED	10	5	3	6	6	2	6
T11	BLACK/BLUE	36	4	2	2	1	3	1
R11	BLUE/BLACK	11	3	5	7	2	6	2
T12	BLACK/ORANGE	37	2	1	1	7	7	3
R12	ORANGE/BLACK	12	5	6	8	8	8	6
T13	BLACK/GREEN	38	4	4	5	5	5	1
R13	GREEN/BLACK	13	3	3	4	4	4	2
T14	BLACK/BROWN	39	2	2	3	3	1	3
R14	BROWN/BLACK	14	5	5	6	6	2	6
T15	BLACK/SLATE	40	4	1	2	1	3	1
R15	SLATE/BLACK	15	3	6	7	2	6	2
T16	YELLOW/BLUE	41	2	4	1	7	7	3
R16	BLUE/YELLOW	16	5	3	8	8	8	6
T17	YELLOW/ORANGE	42	4	2	5	5	5	1
R17	ORANGE/YELLOW	17	3	5	4	4	4	2
T18	YELLOW/GREEN	43	2	1	3	3	1	3
R18	GREEN/YELLOW	18	5	6	6	6	2	6
T19	YELLOW/BROWN	44	4	4	2	1	3	1
R19	BROWN/YELLOW	19	3	3	7	2	6	2
T20	YELLOW/SLATE	45	2	2	1	7	7	3
R20	SLATE/YELLOW	20	5	5	8	8	8	6
T21	VIOLET/BLUE	46	4	1	5	5	5	1
R21	BLUE/VIOLET	21	3	6	4	4	4	2
T22	VIOLET/ORANGE	47	2	4	3	3	1	3
R22	ORANGE/VIOLET	22	5	3	6	6	2	6
T23	VIOLET/GREEN	48	4	2	2	1	3	1
R23	GREEN/VIOLET	23	3	5	7	2	6	2
T24	VIOLET/BROWN	49	2	1	1	7	7	3
R24	BROWN/VIOLET	24	5	6	8	8	8	6
T25	VIOLET/SLATE	50	-	-	-	-	-	-
R25	SLATE/VIOLET	25	-	-	-	-	-	-
Number of Modular Jacks per Telco Connectors			12	8	6	"	"	12



See Back for Explanations & Instructions

Date: _____

Customer Code

(if applicable)

Company Name _____

Contact Name _____

Address _____

City _____ State _____ Zip Code _____

Preferred Distributor

Phone Number () _____ ext. _____

Fax Number () _____

e-mail _____

Cable Style 1 2 3 4 Other: _____

(Circle One)

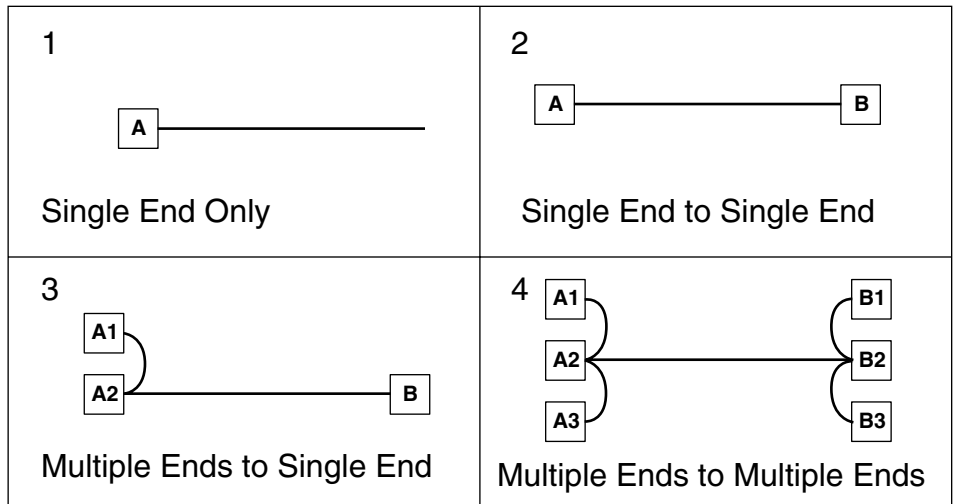
End A Descriptions _____

End B Descriptions _____

End Descriptions _____

Open End Termination for Single End

- Blunt cut
- Stripped
- Stripped and Tinned
- Others _____



Cable / Wire to Use _____

Pin Out / Wire Diagram _____

Quantity Required _____

Functional Description/Requirement _____

Time Requirement (Date needed by) _____

Need Quote by Date _____

Reply Not Guaranteed



Explanations and Examples to Help fill out the Custom Cable Inquiry Form

Please feel free to copy the form page to fill. PDF of this form will be available on web site or send via e-mail per request. Please fax or mail the complete form back to the Pan Pacific distributor that gave you this catalog. The reply to Inquiry by non-distributors will be send back to the Preferred Distributor (or an assigned distributor, if one is not fill out in the form)

Customer INFO Section

Customer Code: Customer Account Code, Applicable only for Pan Pacific Distributors

Address: Street Address. No P.O. Box address, please.

Phone Number: Direct Number preferred

e-mail: not necessary, but helpful

Preferred Distributor: (For non-distributors that send in this form.) Please fill in the Distributor that gave you this catalog or one that you preferred to work with. A distributor in your area will be assigned to you if one is not listed.

Product INFO Section

Single End Only: see pg. 10 Telco for example

Single End to Single End: see pg. 77, any of the Parallel Printer Cable, RS232 Cables or AT Serial Cables for example

Multi Ends to Single End: see pg. 82, Any of the Sharing Cable or PC to TV Adaptor Cable or pg. 73, HD15 to 5 BNC Cables for example

Multi Ends to Multi Ends: see pg. 72, KVM Cables or Pg. 73, 5 BNC to 5 BNC Cables for example

End A Description: a brief description or Any Pan Pacific Parts listed in this catalog or Any connector/assemblies by Manufacture Name and Part Number, i.e. Molex XYZ

End B Description: a brief description or Any Pan Pacific Parts listed in this catalog (Please reference by PPEC Part Number, i.e. "Use DS-25P/T") or Any connector/assemblies by Manufacture Name and Part Number, i.e. ABC Company, XYZ

Open End Termination for Single End: Only if applicable.

Bulk Cable to use: a brief description or Any of the Bulk Cables in this catalog. (Please reference by PPEC Part Number, i.e. use MCC-26-9C-500) or other Manufactures' parts. Please reference by Manufacture Name and P/N.

Pin Out/Wiring Diagram: a brief description (i.e. all pins connected, straight through) or reference Pin Out in this catalog (i.e. pg. 77, AT Serial) or attached additional sheet.

Quantity Required: Estimated Quantity

Functional Description/Requirement: Detail description of the functions and requirements of the cable assembly. Attaches additional sheet if necessary.

Time Requirement: Date needed by, or Time after placement of PO.

Reply Date: Date required reply to this inquiry by