



## ABOUT US

Founded in 1985, MH Connectors has grown into a globally recognised name in the electronic interconnect industry. With a specialism in D-subminiature connectors, we built strongly upon our traditional reputation by expanding into the market for hoods and accessories.

In 2011 we started a new chapter by joining with world-renowned connector specialists, EDAC and Norcomp to become part of the EDAC Group.



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At MH we know that staying competitive in today's marketplace is more than just offering value for money. Our core values ensure that not only are we providing quality products at a fair price, we deliver them with the personal touch that our customers have come to expect. Supplying the transportation, communications and energy industries (to name just a few), our internal sales team and product support experts provide extensive support.

Scan the QR codes throughout the brochure to read more about each range

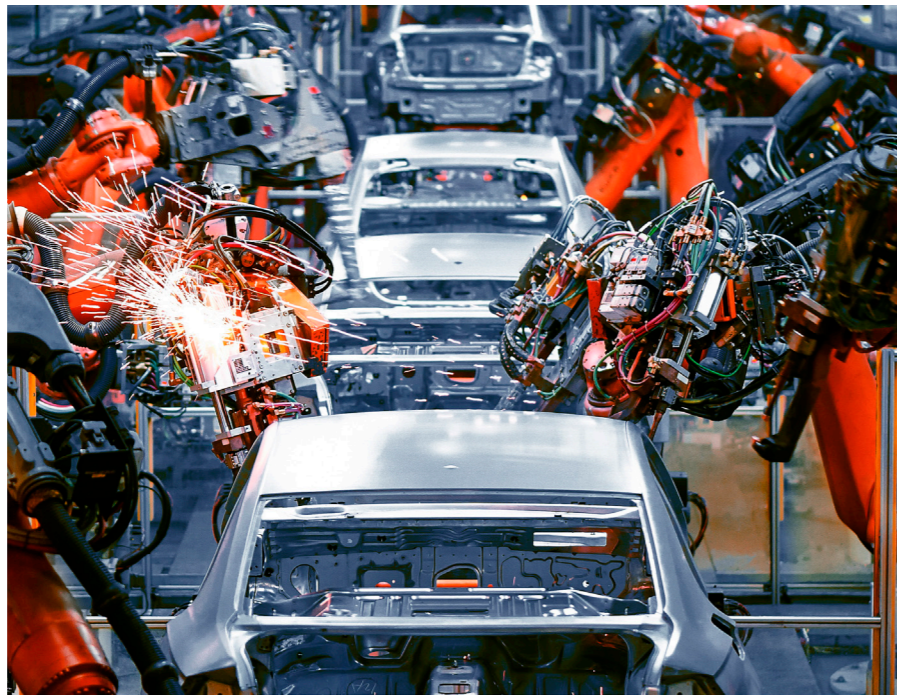


Scan code to visit our website for more info

# D-SUB APPLICATIONS

## INDUSTRIAL

Our connectors deliver superior performance to maximise operating efficiencies within rugged industrial environments. Solutions are often customised and play an important role in guaranteeing maximum productivity under the most demanding conditions. Built tough and built to last, our connectors are widely used in: process automation, materials handling, robotics, control panels and power distribution.



## ENERGY

The availability of safe and sustained energy sources is a key concern for consumers. In these applications, robust connectors are often required that can handle high voltages and high currents while maintaining the finest of safety standards. Electronic control panels, inverters, power supplies, and Power Conditioning Equipment all depend on our high-power connectors to fulfil energy demands.

## AVIATION

D-subminiature connectors are still a popular choice in the world of air travel for everything from in-seat entertainment to in-flight air conditioning. A classic connector for a reason, we supply them in a wide variety of footprints, in vertical or right angle, with through-hole PCB styles available – making it an easy fit.



# D-SUB CONNECTORS

D-subminiature (d-sub) connectors are commonly used in computing to help form connections on a circuit board.

Taking their name from their D shaped metal casing, MH d-sub connectors are available in board mount, cable mount and high density options; in 9-way, 15-way, 25-way, 37-way & 50-way.

Please contact us directly for any custom or semi-custom design configurations.

## BOARD MOUNT

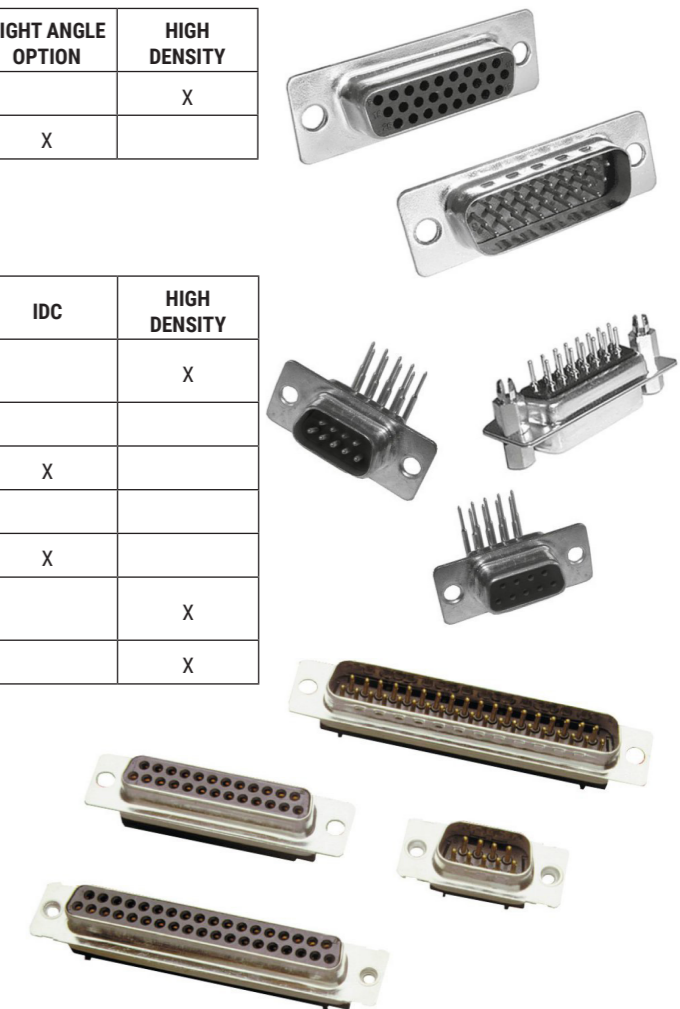
SERIES	DESCRIPTION	DIP SOLDER	RIGHT ANGLE OPTION	HIGH DENSITY
MH-HDD	DIP Solder D-Sub Connector	X		X
MHDD	Straight and Angled D-Sub Connector		X	

## CABLE MOUNT

SERIES	DESCRIPTION	CRIMP	SOLDER CUP	IDC	HIGH DENSITY
MH-HDS	High Density Solder Cup Connector		X		X
MHDM	Solder Cup Connector		X		
MH105	IDC Connector			X	
MHDB	Solder Cup Connector		X		
MHDF2	Economy IDC Connector			X	
MH-HDBC	High Density D-Crimp Connector	X			X
MHDBC	D-Crimp Connector	X			X



Scan to read more about our D-Sub Connectors



# D-SUB BACKSHELLS

MH Connectors offers a wide range of D-Sub Backshells, available in Plastic, Metalised Plastic and Die-Cast options depending on the application and level of signal protection required against shock and vibration.

Hoods are available in up to 5 industry standard shell sizes: 9-way, 15-way, 25-way, 37-way & 50-way.

Please contact us directly for any custom or semi-custom backshell design projects.



Scan to read more about our D-Sub Backshells

## PLASTICS BACKSHELLS

SERIES	DESCRIPTION	MATERIAL	OPERATING TEMPERATURE	3 WAY	45°	180°
MHDPPK-SLIM	Quick Snap D-Sub Hood	Polyamid	-55°C to +110°C			X
MHDSSK-T/P	Multi Entry D-Sub Hood	Polyamid	-55°C to +110°C		X	X
MHDTPPK	180° Entry D-Sub Hood	UL-recognised Plastic	-55°C to +110°C			X
MHD45PPK	45° Entry D-Sub Hood	UL-recognised Plastic	-55°C to +110°C			X
MHTRI-P	3-Way Entry D-Sub Hood	UL-recognised Plastic	-55°C to +110°C	X		
MHCCOV-SCL	180° Entry D-Sub Hood	UL-recognised Plastic	-55°C to +110°C			X
MHCCOV-SN	Quick Snap D-Sub Hood	UL-recognised Plastic	-55°C to +110°C			X
MHED-D	Slide Lock D-Sub Hood	UL-recognised Plastic	-55°C to +110°C		X	X
MHED-DS	Screw Lock D-Sub Hood	UL-recognised Plastic	-55°C to +110°C		X	X

## METALIZED PLASTICS BACKSHELLS

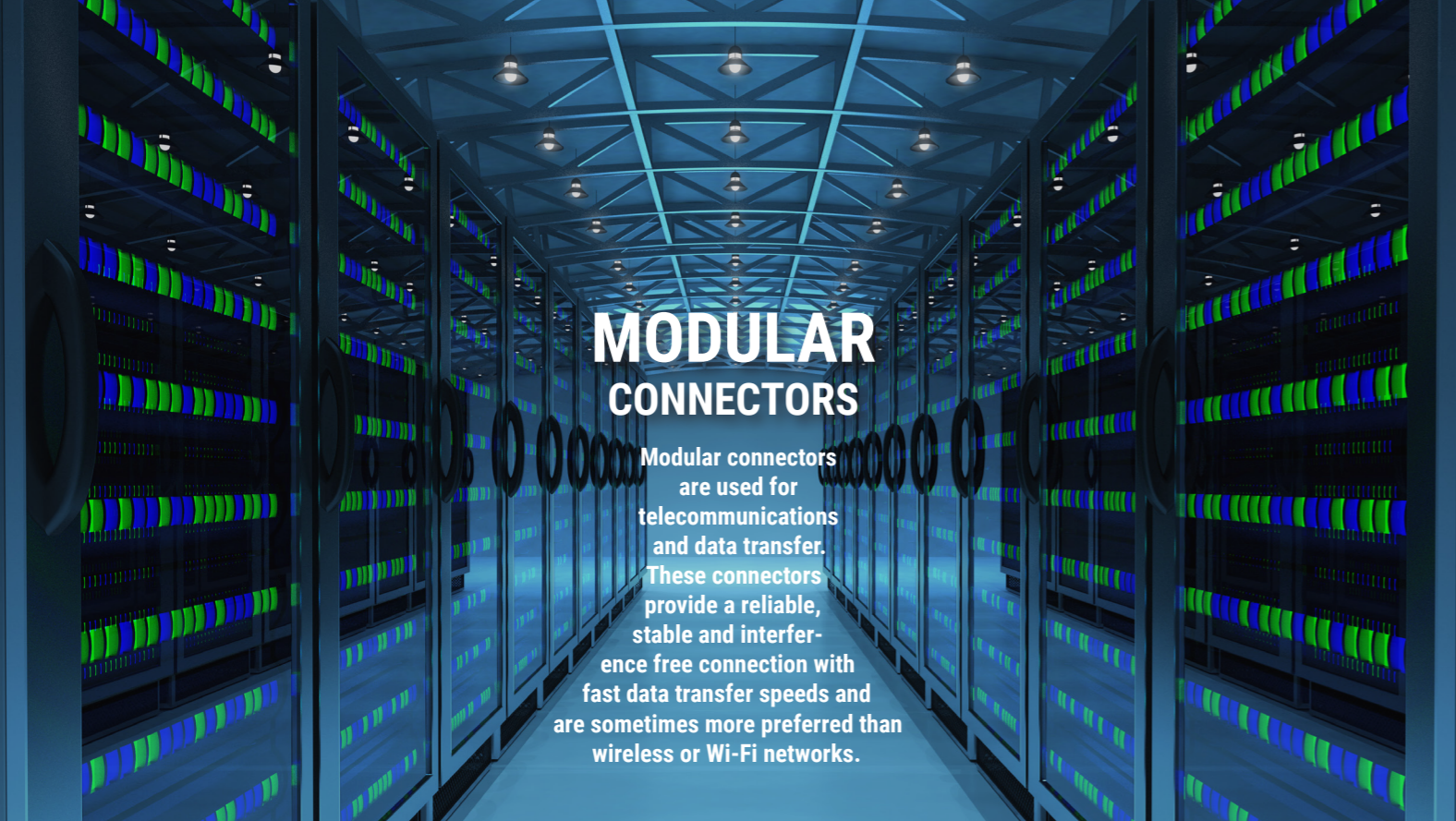
SERIES	DESCRIPTION	PLATING	OPERATING TEMPERATURE	3 WAY	45°	180°
MHDPPK-T/M	Quick Snap D-Sub Hood	Nickel over Copper	-55°C to +110°C			X
MHDSSK-T/M	Multi Entry D-Sub Hood	Nickel over Copper	-55°C to +110°C		X	X
MHDTPK	180° Entry D-Sub Hood	Nickel over Copper	-55°C to +110°C			X
MHD45PK	45° Entry D-Sub Hood	Nickel over Copper	-55°C to +110°C		X	
MHTRI-M	3-Way Entry D-Sub Hood	Nickel over Copper	-55°C to +110°C	X		
MHC88E2	45° Entry D-Sub Hood	Nickel over Copper	-40°C to +120°C		X	
MHC88E3	180° Entry D-Sub Hood	Nickel over Copper	-40°C to +120°C			X
MHCCOV-MP	180° Entry D-Sub Hood	Nickel over Copper	-40°C to +120°C			X
MHCCOV-SC	180° Entry D-Sub Hood	Nickel over Copper	-40°C to +120°C			X

## FULL METAL HOODS

SERIES	DESCRIPTION	MATERIAL	OPERATING TEMPERATURE	45°	55°	90°	180°
MHC	180° MHULTI D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHC35	55° MHULTI D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C		X		
MHC88E000	180° Entry D-Sub Hood	Zinc, Nickel Plated	-25°C to +90°C				X
MHCCOV-ME	180° Entry D-Sub Hood	Zinc, Chrome Plated	-40°C to +120°C				X
MHCCOV-MEL	180° Entry D-Sub Hood	Zinc, Chrome Plated	-40°C to +120°C				X
MHCCOV-MEL-RG	180° Entry D-Sub Hood	Zinc, Chrome Plated	-25°C to +90°C				X
MHDTZK	180° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDTZK-BK	45° Entry D-Sub Hood	Zinc, Black	-40°C to +120°C	X			
MHD45ZK	45° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			
MHD45ZK-BK	45° Entry D-Sub Hood	Zinc, Black	-40°C to +120°C	X			
MHDCMR-RA	90° Low Profile D-Sub Hood	Zinc, Nickel Plated	-25°C to +90°C			X	
MHDCMR-ULP	90° Low Profile D-Sub Hood	Zinc, Nickel Plated	-25°C to +90°C			X	
MHDM	180° MHULTI D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDM35	55° MHULTI D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C		X		
MHDSCK	90° Slide Lock D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C			X	
MHDTSL-JS	180° or 45° D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			X
MHDTSL-JSFR	180° or 45° D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			X
MHDTSL-SL	180° or 45° D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			X
MHDTSL-SLFR	180° or 45° D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			X
MHDTZI	Double Clamp D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDTZK	180° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDTZK-BK	180° Entry D-Sub Hood	Zinc, Black	-40°C to +120°C				X
MHDTZK-RA	180° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDTZK-RA-BK	180° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C				X
MHDU45ZK	Twin 45° Entry D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			
MHDVSL	45° Slide Lock D-Sub Hood	Zinc, Nickel Plated	-40°C to +120°C	X			
MHEE	180° MHULTI D-Sub Hood	Die Cast Zinc	-40°C to +120°C				X
MHEE35	55° MHULTI D-Sub Hood	Die Cast Zinc	-40°C to +120°C		X		
MHDCMR	90° Entry D-Sub Hood	Zinc, Nickel Plated	-25°C to +90°C			X	

## SPECIAL HOODS & ADAPTORS

SERIES	DESCRIPTION	PLATING	OPERATING TEMPERATURE	9 WAY	15 WAY	25 WAY	37 WAY
DFCC	180° Flat Cable Grip Hood	ABS Plastic	-55°C to +110°C	X	X	X	
DFCK	180° Flat Cable Hood	ABS Plastic	-55°C to +110°C	X	X	X	X
DMCK	Drawn D-Connector Can	Steel, Zinc Plated	-55°C to +110°C	X	X	X	X
MHDA	RJ45 To D-Sub Adaptor	UL-recognised Plastic	-30°C to +90°C	X	ON REQUEST	X	
MHGA	D-Sub Gender Adaptor	UL-recognised Plastic	-30°C to +90°C	X	X	X	



# MODULAR CONNECTORS

Modular connectors are used for telecommunications and data transfer. These connectors provide a reliable, stable and interference free connection with fast data transfer speeds and are sometimes more preferred than wireless or Wi-Fi networks.

## MODULAR CONNECTORS

SIZE	TYPE	PRODUCT CODE	UL94V-0 BODY	FCC COMPATIBLE
8P8C	RJ45	MHRJ45-8P8CR	X	X
4P4C	RJ22	MHRJ22-4P4CR	X	X
6P4C	RJ11	MHRJ11-6P4CR	X	X
6P6C	RJ12	MHRJ12-6P6CR	X	X
10P10C	RJ48	MHRJ48-10P10CR	X	X



## MODULAR JACKS

SERIES	DESCRIPTION	SHIELDED	UNSHIELDED	2 PORT	4 PORT	6 PORT	8 PORT
MHRJJ	Modular Jacks	X	X		X	X	X
MH3012	Harmonica Jacks	X	X	X	X	X	X
COUPLER	Modular Coupler	X	X				

## MODULAR ACCESSORIES

SERIES	DESCRIPTION	COLOURS AVAILABLE	STANDARD OD
MHRJ45SRB	Strain Relief Boots	11	5.6mm
MHRJ45SRB-TRANS	Translucent Strain Relief Boot	6	5.6mm
MHRJ45SRB-RETRO	Retrofit Strain Relief Boot	10	
MHRJ45-SRI	Strain Relief Insert	7	6.0mm



Scan to read more about our Modular Connectors

# MODULAR APPLICATIONS

## COMMUNICATIONS

High-speed connectors are vital for data transfer within the communications industry, to deliver the performance necessary to maximise speed and efficiency in networking applications. Our range of interconnect solutions are fully utilised in: servers, routers, enterprise storage systems and blade computing, as well as numerous peripherals within equipment backplanes.



## COMPUTING & STORAGE

In an increasingly wireless world, connectors are still required for data storage purposes. So-called data clouds have to be stored in a physical location, which has seen data centres spring up all over the world. By 2040, 25% of energy will be used running secure data centres - with each unit needing to be connected to a power supply. Wired data transfer via modular connectors will continue to be used in this sector.

## THE INTERNET OF THINGS

The Internet of Things is the biggest buzzword (phrase) in electronics today. Defined simply as 'machine-to-machine communication'; the interconnect industry has a huge part to play. At every step of the way, information is shared between each machine to improve the process. Even with wireless communication and WiFi, cabled networks will remain important in factories and offices.



## TOOLS & ACCESSORIES

Crimp, cut, and strip with our range of hand held tools. Portable and practical, the range is popular with engineers and hobbyists alike. Manual construction means no need for mains power - ideal for use on location for easy assembly.

### CRIMP TOOL & CRIMP DIES

ORDER CODE	NAME	DESCRIPTION
6852-0116-01	MHDTCT	Tool Frame
6852-0114-01	MHCDIE-6.3	Die No. 6.3
6852-0114-02	MHCDIE-5.3	Die No. 8.0
6852-0114-03	MHCDIE-6.0	Die No. 10.0
6852-0114-04	MHCDIE-7.0	Die No. 11.5
6852-0114-05	MHCDIE-7.5	Die No. 12.0
6852-0114-06	MHCDIE-8.6	Die No. 12.5
6852-0114-08	MHCDIE-9.0	Die No. 9.0

### CRIMP TOOL D-SUB

ORDER CODE	NAME	DESCRIPTION
6852-0117-01	DRB-0505L	For Standard Pins
6852-0117-03	DRB-0805HD	For High-Density Pins

### CUTTER

ORDER CODE	NAME	DESCRIPTION
6852-0131-01	CUTTER	For Cutting 2-Piece Grommets



Scan to contact us to find more

## CONNECT WITH US

✉ ENQUIRIES@EDACEUROPE.NET

☎ 01933 427300

🌐 MHCONNECTORS.COM

🐦 @MHCONNECTORS





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