

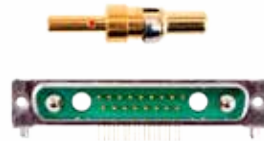
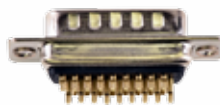


Molex FCT High Performance D-sub

Product Line Card



FCT
a **molex** company



TTI carries the broad line of Molex High Performance D-sub (HPD) products including connectors in D-sub, mixed layout, hoods, contacts and the full range of tools necessary for installation and removal. TTI and Molex are also capable of providing custom solutions, from a clean sheet design or modifications and adaptations of existing components. The solutions are as close as your TTI High Performance D-sub (HPD) Specialist.

Reach your local sales team at 1.800.CALL.TTI

Hoods

SERIES	DESCRIPTION
Metal Hoods	
FMD	New full metal hood FMD1 for fast assembly
FMK	Metal hoods with large inner chamber made from Zinc die-cast
FMH	Easy assembly with snap-in system and suitable for robust use
FMR	Hood series with straight or right angled cable outlet and extended inner chamber designed for two separate cables
FML	20° cable outlet with strain relief, suitable for robust use
FMBR	Metal hood with right angled cable outlet
FMN	Particularly low version for cramped conditions
FAW	Used as a bracket adaptor, e.g. in narrow installation conditions
Plastic Hoods	
FKC	Hood series with straight or right angled cable outlet, available in shielded version (metallised), large inner chamber
FPHGR	Hood series with flat hood body, alternatively straight and/or right angled cable outlet with cable clamp
FKH	Easy assembly with snap-in system. Straight cable outlet with strain relief
FWH	Waterproof according to IP67 with D-sub connectors with modification
FWA	Simple sealing of non waterproof connections. Waterproof according to IP67 when assembled
FKS	Very low hood body 35 mm (1.378") with large inner chamber
FPHF IDC	For flat cable with very low hood body
F-PH	One-piece hood with straight or 90° cable outlet
FAH	Very large inner chamber. Can be used as a hood or an adapter hood
F1069	Very large inner chamber. Can be used as a hood or an adapter hood
FKE	Reliable Electro Static Discharge (ESD) protection
FDH	Low height for use with connectors which are very close together
FBUSN	Can be used as a node as well as a terminal version due to a switch
Non-Magnetic Hoods	
	Designed for special and general applications
Accessories	
Locks	Available as accessories to our hoods
Bushing	Available for various cable diameters and hood sizes
Flange	Guarantee an optimum shielding against electromagnetic radiation, even at the cable outlet of a hood, we offer standard as well as customer specific crimp flanges
Dust Caps	Can also be used with connectors which are mounted in a hood

Contacts

SERIES	DESCRIPTION
Coaxial	
Coaxial	Designed for mixed layout connectors
FMX	RF contacts for cable with inner conductor solder, outer conductor crimp
FMS	RF contacts for cable with inner conductor crimp, outer conductor crimp
FME	Coaxial contact for PCB termination
FBM	Coaxial contact for D-Sub / Blind mate
FMP	High-power contacts
FMV	High-voltage contacts
FMG	Pneumatic contacts
High-power	
High-power	High-power contacts available in 10A, 20A, 30A, 40A. Early mate, late break options available
High-voltage	
High-voltage	Includes high-voltage contacts for D-sub mixed layout connectors
Crimp	
Crimp	Are available in a standard version and a MIL type version
Pneumatic FMG	
Pneumatic FMG	For a maximum pressure of 101.5 psi
RF	
RF	Contacts types SMA, SMB, MCX, MMCX and F with diverse designs and for miscellaneous applications
Non-Magnetic	
Non-Magnetic	For customized applications in the medical, measurement and test, and laboratory use

Connectors

SERIES	DESCRIPTION
D-sub High-density	
D-sub High-density	In terms of outside dimensions the shells of the high density D-Sub series are the same as for the well known D-Sub connectors, but the pin count is increased
D-sub High-density Crimp	This series is highly suited for the most modern applications in data technology, telecommunications, systems for measurement and control
Waterproof	With a plastic or metal watertight frame
D-sub High-density Accessories	
Locks	Suited for the mounting of appliances
Plates	For mounting a D-sub connector into larger panel cut-outs
Brackets	Metal or plastic brackets used to secure the connector to the pcb prior to soldering
Covers	Cover unused mounting cut-outs
D-sub High-density Tools	
	Different pliers among other things, as well as inserting and extractor tools made of metal or plastic
Right-angled Adapters	
	Suitable for narrow installation conditions and has very good shielding properties
D-sub	
Standard	Straight and right angled terminations of different lengths and is available in different arrangements
SMT	Designed for fully automatic assembly and solder procedures in the arrangements 9, 15 and 25 male or female contacts
THT	Specifically designed for use in fully automated assembly and soldering processes
Low Profile	Can be installed in 19" assembly systems in accordance with DIN 41494 (DIN 41652 conform)
Crimp	Includes straight male or female crimp contacts and is available in the arrangements 9-, 15-, 25-, 37 and 50. Various mounting types can be used
D-Sub IDC Ribbon	Equipped with IDC contacts to assemble ribbon cables with AWG 28
Dualport	A pair of D-Sub Standard pin- or socket connectors which are vertically spaced in different intervals on a bracket
Waterproof	Designed for operating conditions according to IP67
Right Angled adapter	Has excellent shielding properties and is well suited whenever space is limited
D-sub Accessories	
Attachment Parts	A wide range of accessories provides you with a high degree of flexibility and customization
D-sub Mixed Layout	
D-sub Mixed Layout	High-power contacts, high-voltage contacts, pneumatic contacts and coaxial contacts in various designs
D-sub Mixed Layout Waterproof	High-power contacts, pneumatic contacts and coaxial contacts in various designs, also as waterproof connectors
D-sub Mixed Layout Accessories	
Locks	Suited for the mounting of appliances
Plates	For mounting a D-sub connector into larger panel cut-outs
Brackets	Prevent electrical conductivity between the connector housing and the PCB
Covers	Cover unused mounting cut-outs
D-sub Mixed Layout Tools	
	Different pliers as well as insertion and removal tools for the mounting/dismounting of different contacts
16W16 50 Product Line	
	The 50Ω 16W16 product line was designed with medical magnetic resonance applications in mind
D-sub Filters	
	For filtering interfering frequencies in order to guarantee a proper signal reproduction and transmission of the desired signal
μTCA Power	
	Controls the building of racks and complete system units



Hoods



Metal Hoods



Plastic Hoods



Non-magnetic Hoods



Accessories

Connectors



D-sub High-density



D-sub High-density Accessories



D-sub High-density Tools



Right-angled Adapters



D-sub



D-sub Accessories



D-sub Mixed Layout



D-sub Mixed Layout Accessories



D-sub Mixed Layout Tools



16W16 50 Product Line



D-sub Filters



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Contacts



Coaxial



High-power



High-voltage



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RF



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