

HD10 Series Straight (Reduced Diameter Pins)



The Deutsch HD10 Series of P.C.B. mounting receptacles are designed to mount mid-board, utilizing four screws. The surface of the receptacle flange is elevated to allow good solder flow between the board and receptacle housing during assembly. The terminals are straight and reduced to .020" diameter, thus providing a good clearance for the trace pattern. The receptacle housing and terminals are molded together using a thermoplastic that meets flow-soldering requirements. The housing's cylindrical wall structure allows for "O" Ring sealing usually designed in conjunction with the module casting.



The HD10 mating plug is completely environmentally sealed. This protects the electronic circuits from moisture, sand, dust, oils, grease, road salt or any other contaminants encountered in heavy-duty operation.

PART NUMBER	A	B	C	D	E	F
HD10-6-96P-N005	1.141	.747	.518	.142	1.500	1.500
HD10-9-96P-N005	1.281	.750	.518	.139	1.500	1.500

The contact system is designed for size 16 crimp type contacts that accept 18, 16 and 14 AWG (0.75 - 2.0 mm²) wires. Presently, the HD10 - P.C.B. mounting receptacles are tooled on two sizes, a nine (9) and a six (6) pin.

Envelope

(Sizes 6 & 9 shown)

Materials

Housing: Thermoplastic

Contacts: Molded-In Copper Alloy

Nickel Plated

Mtg Seal: Standard "O" Rings may be used

Mating Plugs

6 Pin: HD16 - 6 - 96S

9 Pin: HD16 - 9 - 96S

Modifications

N005: Straight reduced diameter pins supplied as standard.

Keying Positions

Not Available.

P.C.P. Mounting

Consult factory for P.C.B. mounting details and pin positions.

