



Product Applications



Terminal System Overview



Housing Overview

I/O Connector Systems

Apex



18 way sealed connector system

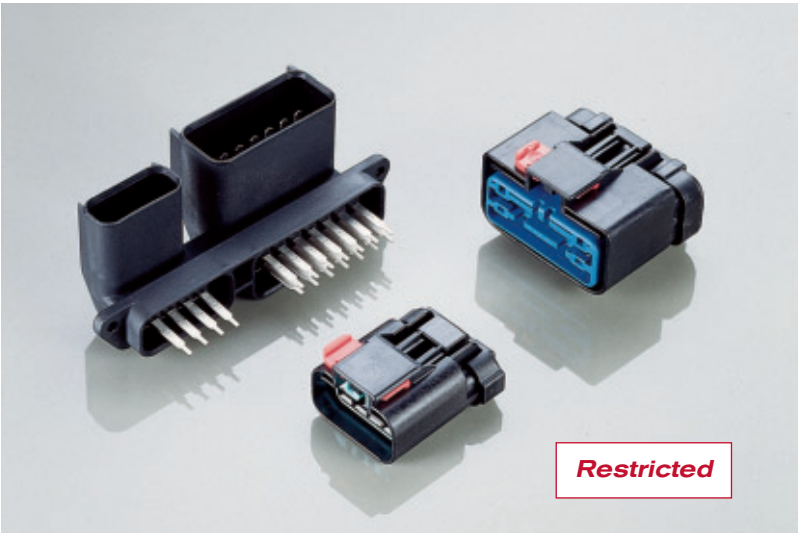
Features

18 way pin header

- Moulded-in pin headers
- Double row 5.25 x 6.40 mm pitch
- Right angle version for PCB

4 & 14 way female housing

- Single and double row housing with circumferential interface seal
- Rear sealing ensured with grommet
- Terminal position assurance (T.P.A.)
- Connector position assurance (C.P.A.)
- Mechanical polarization



Performance characteristics

- Temperature range: from -40° C to +120° C

Pin header

- Contact pull out force: > 90 N

Female housing

- Contact retention force: > 75 N
- Contact insertion force: < 30 N
- Connector mating force: < 90 N

Construction

- Housing material: PA
- Interface seal: Silicone
- Rear grommet seal: Silicone
- Tab material and plating: CuZn/Sn

Connector compatibility

- Apex 2.8 mm terminals

Overview of APEX housings

Part Numbers	No. of position	Terminal size	Type	Colour
54451800	14 + 4	2.8 mm terminals	Pin header	Black
54201400	14	2.8 mm terminals	Female housing	Black
54200409	4	2.8 mm terminals	Female housing	Black



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Dimensional characteristics

Notes:

