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 NContact 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/Sr

Connector compatibility

Usable terminals:Apex 2.8 mm female terminals

Part Numbers	No. of position	Terminal size	Туре	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

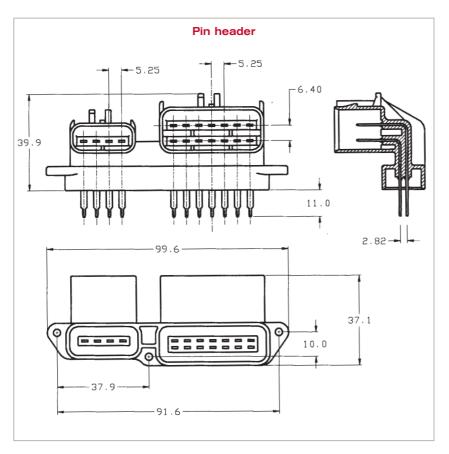
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Dimensional characteristics



Notes:



