Panel-through connectors
Sicma

FCi

50 way panel-through system for 1.5 mm terminals

Features

- High density connector using 1.5 mm terminals
- Splashproof connector when equipped with a rubber boot
- Female housing fitted with a silicone interfacial seal
- Male housing equipped with a panel seal and two integrated harpoons for easy pre-locking on panel
- Pre-assembled front grids support blade terminals guiding and mating
- Terminal position assurance (T.P.A.)
- Locking cam
- Particularly suitable for door connection
- Sealed version available with rear mat-seal

Performance characteristics

- Temperature range: from -40°C to +125°C
- Contact retention force: > 80 N
- Contact insertion force: < 10 N
- Connector mating force: < 90 N
- Sealing protection: IP 64 *when equipped with a rubber boot*

Construction

- Housing material:
  - PBT for male & female housings
  - PBT for locking cam
- Interfacial seal: Silicone

Tooling

- T.P.A. removal tool: T25400
- Terminal removal tool: T25300

Connector compatibility

- Usable terminals:
  - Sicma-2 1.5 mm female terminals
  - Sicma-2 1.5 mm male terminals
  - Sicma-3 1.5 mm female terminals
  - Sicma-3 1.5 mm male terminals

Part Numbers	No. of position	Terminal size	Type	Colour
DTB 5000 FH	50	1.5 mm	Female housing	Black
DTB 5000 MH	50	1.5 x 0.8 mm	Male housing	Black
DTB 5000 ST			Locking cam	Black

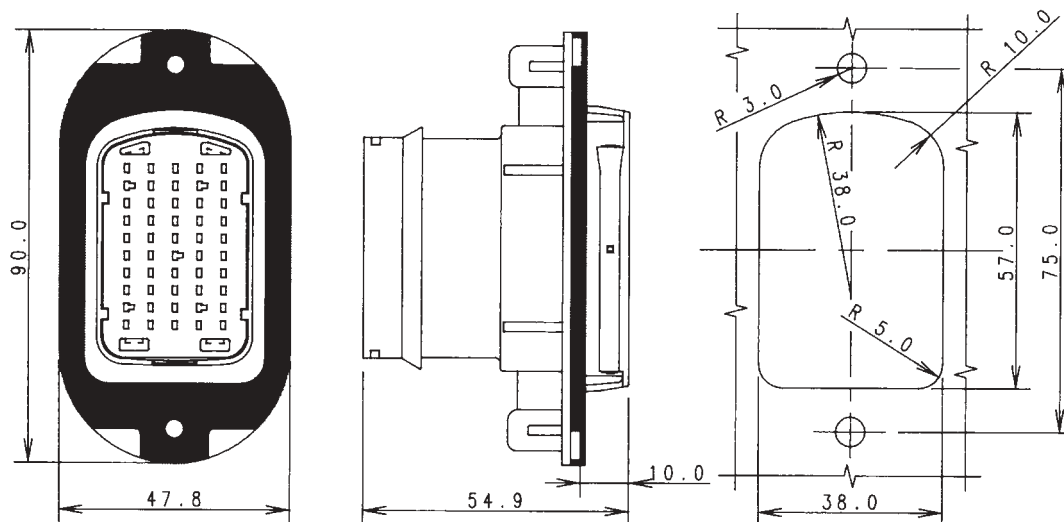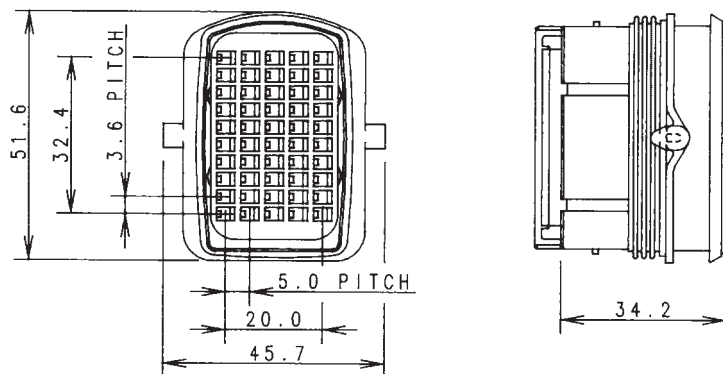# Panel-through connectors
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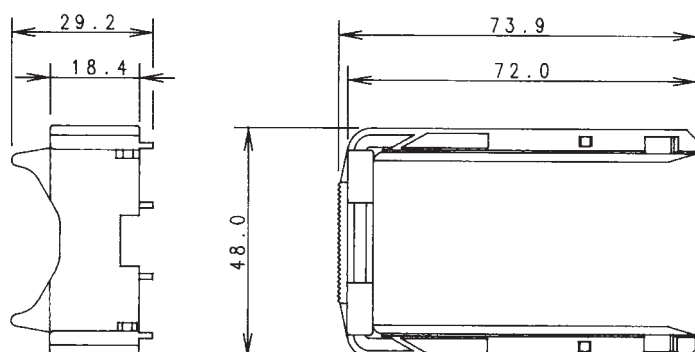### *Dimensional characteristics*

Male housing

Female housing

Notes:

Locking cam

Mouser Electronics

Authorized Distributor

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  [DTB5000FH](#) [DTB5000ST](#) [DTB5000ST-B](#) [DTB5000MH](#) [DTB5000FH-B](#) [DTB5000MH-B](#)