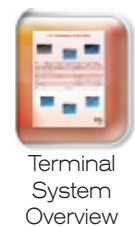


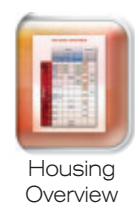


# Panel-through connectors

## Sicma

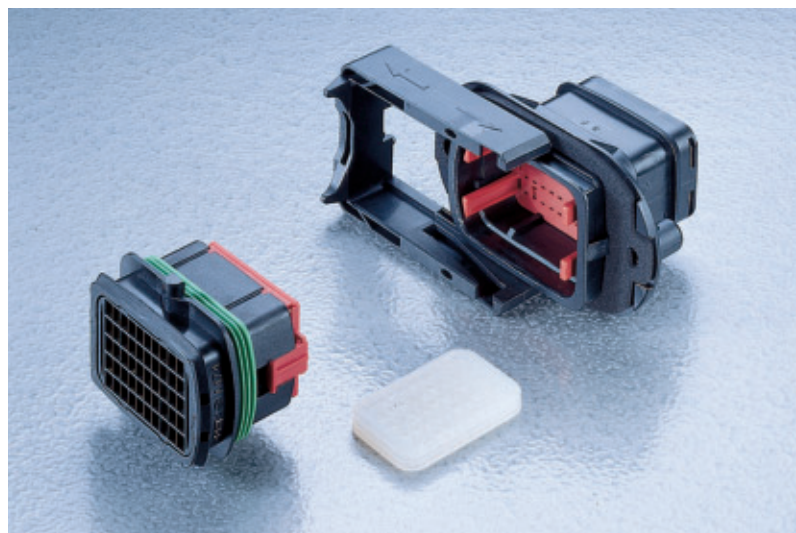


### 50 way panel-through system for 1.5 mm terminals



#### 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

#### Tooling

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

#### Connector compatibility

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

#### Construction

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

#### Overview of SICMA housings

Part Numbers	No. of position	Terminal size	Type	Colour
DTB 50GM FH	50	1.5 mm	Female housing	Black
DTB 50GM MH	50	1.5 x 0.8 mm	Male housing	Black
DTB 5000 ST			Locking cam	Black
DTB 50 GM FH-02	50	1.5 mm	Female housing	Blue
DTB 50 GM FH-03	50	1.5 mm	Female housing	Brown
DTB 50 GM MH-02	50	1.5 mm	Male housing	Blue
DTB 50 GM MH-03	50	1.5 mm	Male housing	Brown





Product Applications



Terminal System Overview



Housing Overview

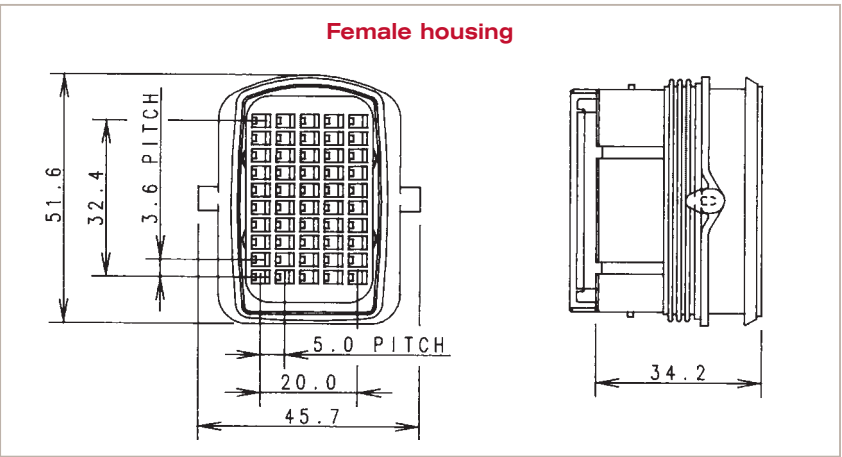
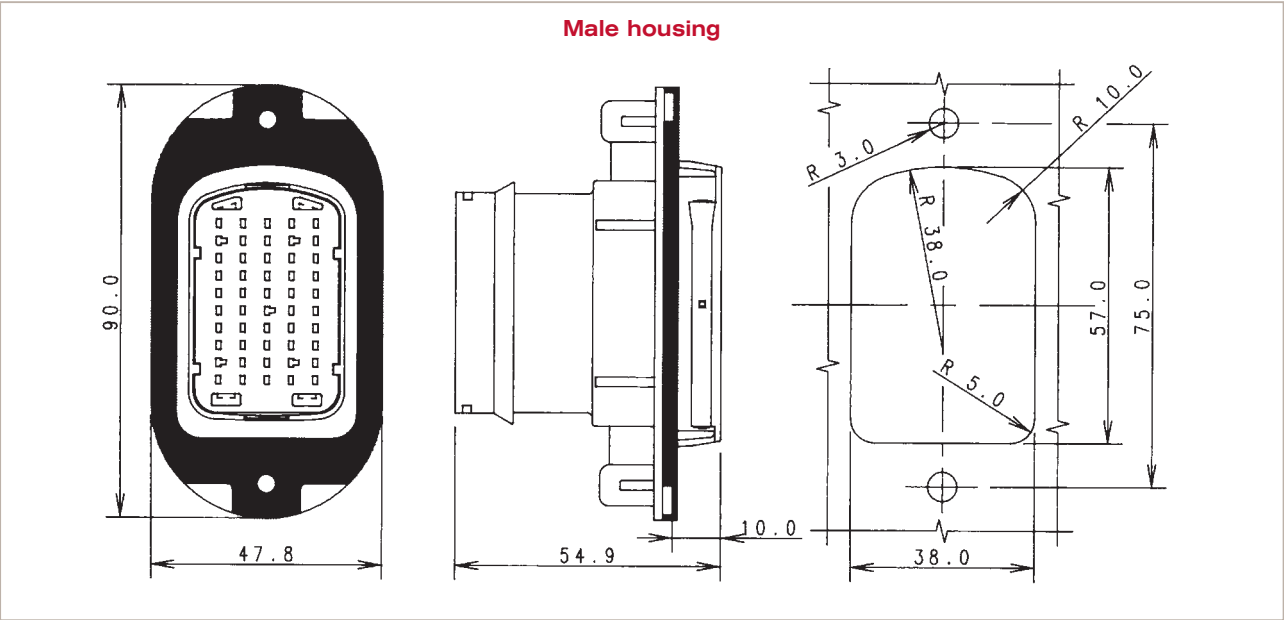
# Panel-through connectors

## Sicma



### 50 way panel-through system for 1.5 mm terminals

#### Dimensional characteristics



Notes:

