



Product Applications

Panel-through connectors

Sicma



Terminal System Overview

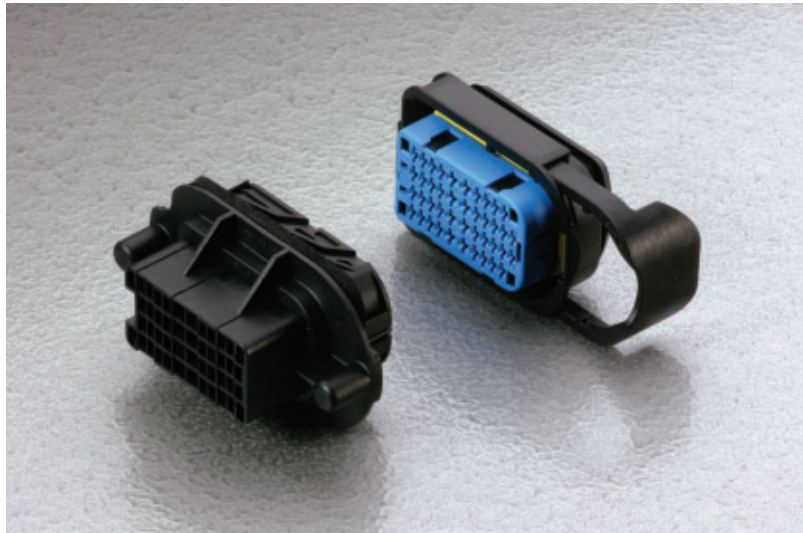


Housing Overview

42 way panel-through system for 1.5 + 2.8 mm terminals

Features

- High density connector using 1.5 mm and 2.8 mm terminals
- Splashproof connector when equipped with a rubber boot
- Female housing with a silicone interfacial seal
- Male housing equipped with a panel seal and four integrated harpoons for easy pre-locking on panel
- Pre-assembled front grids support blade terminals guiding and mating
- Locking cam
- Particularly suitable for door connection
- High terminal retention force (< 120 N)



Performance characteristics

- Temperature range: from -40° C to +105° C
- Contact retention force: > 120 N for 2.8 mm terminals > 100 N for 1.5 mm terminals
- Contact insertion force: > 8 N for 2.8 mm terminals > 12 N for 1.5 mm terminals
- Connector mating force: < 65 N
- Sealing protection: IP 64

Construction

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

Connector compatibility

- Usable terminals:
 - Sicma-3 1.5 mm female terminals
 - Sicma-3 1.5 mm male terminals
 - Sicma-3 2.8 mm female terminals
 - Sicma-3 2.8 mm male terminals

Overview of SICMA housings

Tooling

- Removal tool for:
 - female terminals 1.5 and 2.8 x 0.8 mm 211S015
 - male terminals 1.5 and 2.8 x 0.8 mm 211S016

Part Numbers	No. of position	Terminal size	Type	Colour
211 PC429S0034	42	34 x [1.5 mm] + 8 x [2.8 mm]	Female housing	Black
211 PL429S0034	42	34 x [1.5 mm] + 8 x [2.8 mm]	Male housing	Black



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Housing Overview

Dimensional characteristics

Notes :

