

■ Connector Material Specifications

AEC Series

Grommet: Silicone rubber
Jackscrew: Steel
Plug Threaded Inserts: Steel
Shell: Thermoplastic

AMPSEAL

Wire Seal: Silicone rubber
Mating Seal: Silicone rubber
Cover: Glass filled PBT
Locking Wedge: PBT

AMPSEAL 16

Wire Seal: Silicone rubber
Plug Peripheral Seal: Silicone rubber
Housing: 15% Glass filled thermoplastic
CPA: 15% Glass filled thermoplastic
PLR: 15% Glass filled thermoplastic

DRB Series

Flange Body: Thermoplastic
Flange Clip: Steel
Grommet: Silicone rubber
Jackscrew: Steel
Receptacle Threaded Inserts: Steel
Shell: Thermoplastic
Wedgelocks: Thermoplastic

DRC Series

Grommet: Silicone rubber
Insert Retainer: Thermoplastic
Jackscrew: Steel
Receptacle Threaded Inserts: Steel/Brass
Shell: Thermoplastic

DT Family (DT, DTM, DTMH, DTP, DTV)

Grommet: Silicone rubber
Insert Retainer: Thermoplastic
Receptacle Interfacial Seal: Silicone rubber
Shell: Thermoplastic
Wedgelocks: Thermoplastic

DTHD Series

Grommet: Silicone rubber
Shell: Thermoplastic

HD10 Series

Grommet: Silicone rubber
Insert Retainer: Thermoplastic
Receptacle Interfacial Seal: Silicone rubber
Shell: Thermoplastic

HDP20 Series

Grommet: Silicone rubber
Insert Retainer: Thermoplastic
Plug Coupling Ring: Thermoplastic
Shell: Thermoplastic

HD30 Series

Grommet: Silicone rubber
Insert Retainer: Thermoplastic
Plug Coupling Ring: Aluminum
Shell: Aluminum

STRIKE Series

Flange Seal: Silicone rubber
Plug Grommet: Silicone rubber
Receptacle Threaded Inserts: Brass
Shell: Thermoplastic
TPA: Thermoplastic



Connector Series Overview

Connector Series Overview

Each connector series offers different design features to accommodate many design requirements. Below is an overview of each series that highlights the cavity count, wire gauge, material, and locking mechanism style. For complete series information, please see the series section of the catalog. TE Connectivity connectors offer different shapes, latching mechanisms, mounting styles, and materials to meet diverse application requirements and all DEUTSCH product lines offer accessories to further expand the series flexibility.

■ AEC Series

Key Features:

- Accepts contact size 16 (13 amps)
- 14-20 AWG
- 40 cavity arrangement
- In-line or PCB mount
- Square, thermoplastic housing
- Jackscrew for mating



■ AMPSEAL Connectors

Key Features:

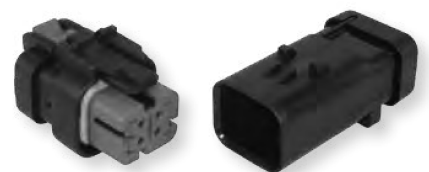
- Accepts contact size 1.3 mm (up to 17 amps gold, up to 8 amps tin)
- 16-20 AWG
- 8, 14, 23, and 35 cavity arrangements
- PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Integrated wedgelock confirms contact alignment and retention
- Product specification documents: 108-1329 and 114-16016



■ AMPSEAL 16 Connectors

Key Features:

- Accepts contact size 16 (up to 13 amps)
- 14-20 AWG
- 2, 3, 4, 6, 8, and 12 cavity arrangements
- In-line mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Integrated PLR confirms contact alignment and retention
- Product specification documents: 108-2184, 114-13045, and 114-13065



Connector Series Overview

■ DRB Series

Key Features:

- Accepts contact sizes 4 (100 amps), 8 (60 amps), 12 (25 amps), 16 (13 amps), and 20 (7.5 amps)
- 6-22 AWG
- 48, 60, 102, and 128 cavity arrangements
- Flange mount
- Rectangular, thermoplastic housing
- Jackscrew for mating
- Wedgelocks confirm contact alignment and retention



■ DRC Series

Key Features:

- Accepts contact sizes 16 (13 amps) and 20 (7.5 amps)
- 14-22 AWG
- 24, 38, 40, 50, 60, 64, 70, and 76 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Jackscrew for mating



■ DT Series

Key Features:

- Accepts contact size 16 (13 amps)
- 14-20 AWG
- 2, 3, 4, 6, 8, and 12 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention



■ DTHD Series

Key Features:

- Accepts contact sizes 4 (100 amps), 8 (60 amps), and 12 (25 amps)
- 6-14 AWG
- 1 cavity arrangement
- In-line or flange mount
- Circular, thermoplastic housing
- Integrated latch for mating



Connector Series Overview

■ DTM Series

Key Features:

- Accepts contact size 20 (7.5 amps)
- 16-22 AWG
- 2, 3, 4, 6, 8, and 12 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention



■ DTP Series

Key Features:

- Accepts contact size 12 (25 amps)
- 10-14 AWG
- 2 and 4 cavity arrangements
- In-line, flange, or PCB mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention



■ DTV Series

Key Features:

- Accepts contact size 16 (13 amps)
- 14-20 AWG
- 18 cavity arrangement
- Flange mount
- Rectangular, thermoplastic housing
- Integrated latch for mating
- Wedgelocks confirm contact alignment and retention



■ HD10 Series

Key Features:

- Accepts contact sizes 4 (100 amps), 12 (25 amps), and 16 (13 amps)
- 6-20 AWG
- 3, 4, 5, 6, and 9 cavity arrangements
- In-line, flange, or PCB mount
- Circular, thermoplastic housing
- Coupling ring for mating



Connector Series Overview

■ HD30 Series

Key Features:

- Accepts contact sizes 4 (100 amps), 8 (60 amps), 12 (25 amps), 16 (13 amps), and 20 (7.5 amps)
- 6-22 AWG
- 2, 6, 7, 8, 9, 14, 16, 18, 19, 20, 21, 23, 29, 31, 33, 35, and 47 cavity arrangements
- In-line or flange mount
- Circular, aluminum housing
- Coupling ring for mating



■ HDP20 Series

Key Features:

- Accepts contact sizes 4 (100 amps), 8 (60 amps), 12 (25 amps), 16 (13 amps), and 20 (7.5 amps)
- 4-22 AWG
- 2, 6, 7, 8, 9, 14, 16, 18, 19, 20, 21, 23, 29, 31, 33, 35, and 47 cavity arrangements
- In-line or flange mount
- Circular, thermoplastic housing
- Coupling ring for mating



■ STRIKE Series

Key Features:

- Accepts contact sizes 16 (13 amps) and 20 (7.5 amps)
- 14-22 AWG
- 32 and 64 cavity arrangements
- In-line, flange, or PCB mount
- Square, thermoplastic housing
- Lever for mating
- TPA confirms contact alignment and retention

