

DEUTSCH DMC-MD Single Module Cable Clamp

Single-Module Backshells Offering a Cost-Efficient
Strain-Relief Solution

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Single Module Backshells Offering a Cost-Efficient Strain-Relief Solution



VERSATILE

- Octagonal indexing feature enables 8 different cable exit angles for maximum versatility
- Saves space and weight over shielded backshell chimneys

COMPATIBLE

- Fully compatible with standard aerospace qualified DMC-MD single module connectors
- Can be mounted to both EN4165 plugs and extender receptacles
- Suitable for use with standard cable-ties

RELIABLE

- Compliant with EN4165 specifications
- Retention lip helps keep cable-tie in position
- -55°C to +175°C temperature range
- Rugged construction using composite materials

EASY TO USE

- Clip-together design provides quick installation
- No special tooling required

APPLICATIONS

- Commercial Aerospace
- Cabin Interiors and In-Flight Entertainment (IFE)
- Military Aerospace and Ground Vehicles
- Business Jet Interiors
- Helicopter Lighting
- Mass Transit Lighting

Originally designed in the 1980s, DEUTSCH DMC-MD connectors from TE Connectivity (TE) have evolved into one of the most widely used connector styles for cabin applications in commercial aerospace. Standardized in European Standard EN4165, DMC-MD connectors provide a modular, flexible, and reliable system.

The product is compact, lightweight, easy to install and ensures a controlled wire/cable bend radius through 90 degrees. Reduced loading on cable-entry seals and electrical contacts helps maintain maximum environmental sealing, wire-crimp integrity and contact interface position.

Rugged Reliability

Built to withstand various harsh environmental conditions of aerospace, the DMC-MD Single Module Cable-Clamp is ideal for use where robust wire and cable retention is required without the need for shielding.

Versatile, Quick and Easy

The Single Module Cable-Clamp can be fixed in eight different exit-angle positions, providing maximum flexibility during design and installation. This reduces the number of variants and components for different configurations. The exit-angle is easily changed at a later time if needed by releasing and re-assembling the simple clip-together assembly.

The DMC-MD Single Module Cable-Clamp is compatible with TE's aerospace qualified DMC-MD connectors and is also compliant with EN4165 specifications, therefore compatible with other EN4165 compliant connectors in the market.

Simple, Efficient

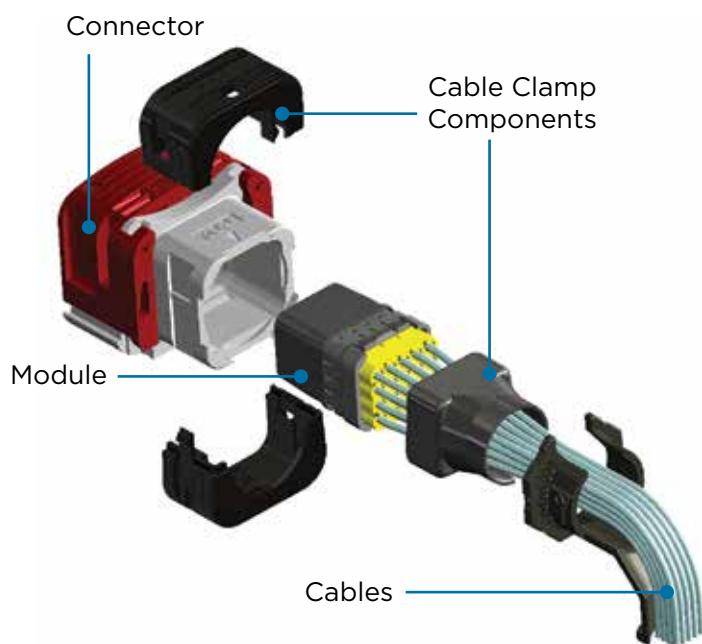
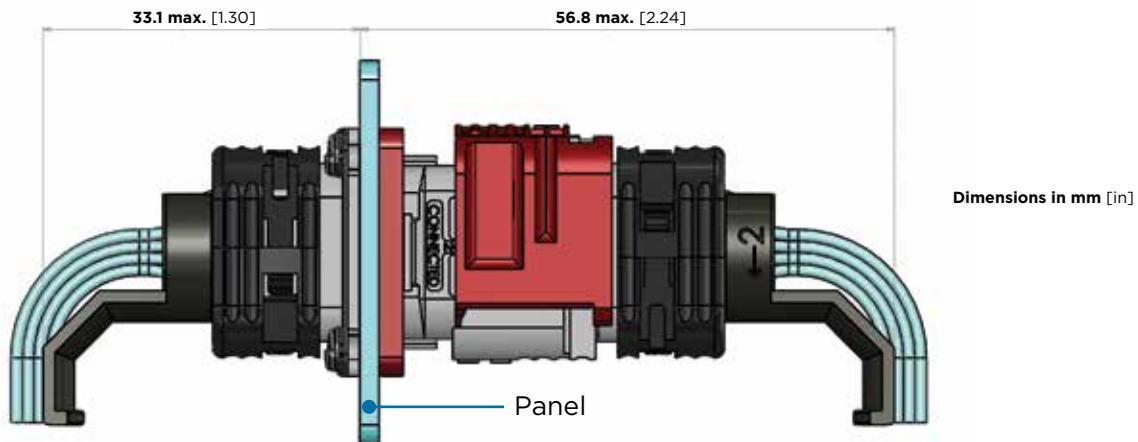
The simplicity of design and versatility of a common cable-clamp for different configurations makes this a very cost efficient strain-relief solution for DMC-MD plugs and receptacles.

With only one part number, the design facilitates two EN4165 accessory references (EN4165C00C and EN4165C00D), reducing the number of variants and components for TE's customers.

TE Components . . . TE Technology . . . TE Know-how . . .

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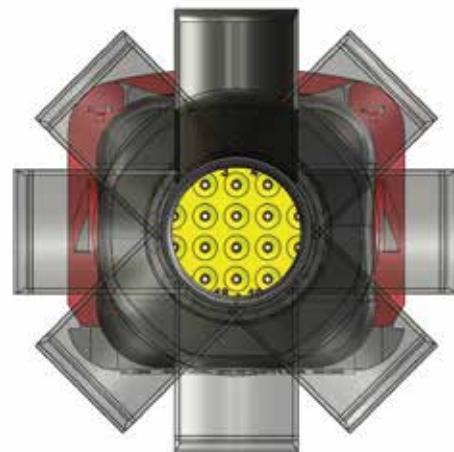
Part Number

- **787-8055-00**
- **TE Internal Number:** ZPF000000000203390

Specifications

- **Materials:** Thermoplastic
- **Temperature:** -55°C to +175°C
- **Mass:** Thermoplastic and FSR
- **Weight:** 4 gr max.
- **Vibrations:** 20 g

CABLE CLAMP / CHIMNEY INDEXATION



Cable clamps can be indexed in eight positions on the rear of plug and extender receptacle shell. This gives maximum flexibility during design and cable installation and reduces the number of variants and components.

LET'S CONNECT

We make it easy to connect with our experts and are ready to provide all the support you need. Just call your local support number or visit te.com to chat with a Product Information Specialist.

Technical Support

te.com/support-center

North America	+1 800 522 6752	Asia Pacific	+86 400 820 6015
North America (Toll)	+1 717 986 7777	Japan	+81 044 844 8180
EMEA/South Africa	+800 0440 5100	Australia	+61 2 9554 2695
EMEA (Toll)	+31 73 624 6999	New Zealand	+64 (0) 9 634 4580
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Consult TE for the latest dimensions and design specifications.

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