

## 6-786863-7 Product Details

Live Product Chat



**6-786863-7**

TE Part Number: 6-786863-7

Active

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### .050 Series Cable Connectors (SCSI)

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Receptacle
- Number of Positions = 68
- Wire/Cable Type = Ribbon Cable, Round Jacketed Cable
- Ribbon Cable Centerline Spacing = 1.27 mm

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#### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE KIT, UNASSEMBLED, PANEL MOUNT, W/ WIRE TE...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [Panel Cutout](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Receptacle
- Number of Positions = 68
- [Wire/Cable Type](#) = Ribbon Cable, Round Jacketed Cable
- [Wire Insulation Diameter \(mm \[in\]\)](#) = 0.74 - 0.91 [0.029 - 0.036]
- [Mating Connector Lock](#) = Without
- [Shielded](#) = No
- [Detent](#) = Without
- [Rails](#) = Without
- [Termination Cover](#) = With
- [Product Series](#) = Series III
- Wire Termination Type = IDC
- Termination Cover Type = Wire Lacing
- Termination Cover Method = Unassembled
- Color = Gray
- Shell Material = Steel
- Thread Size = 4-40
- Bracket Material = Zinc

#### Mechanical Attachment:

- [Panel Attachment](#) = With
- Bracket Plating = Nickel over Copper

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- Ribbon Cable Centerline Spacing (mm [In]) = 1.27 [0.050]
- Wire Range (mm [AWG]) = 0.05-0.09<sup>2</sup> [30-28]
- Shell Plating = Tin over Copper

#### Contact Related Features:

- Contact Material = Phosphor Bronze
- Contact Mating Area Plating Material = Gold (30)

#### Housing Related Features:

- Housing Material = Thermoplastic
- Housing Flammability Rating = UL 94V-0

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- Terminate To = Wire

#### Other:

- Brand = Tyco Electronics