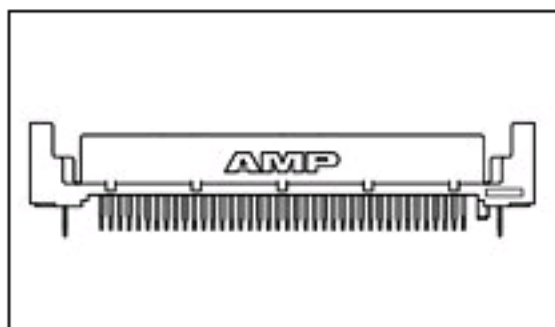




# 787311-4 Product Details

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787311-4

TE Internal Number: 787311-4  
 Active

View 3D PDF

## 1.27 [.050] Series I, HD, FH and J Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Connector
- Applies To Printed Circuit Board
- Connector Style = Receptacle
- 80 Positions
- 1.27 mm Centerline

[View all Features](#)

### Quick Links

- Pricing & Availability
- Search for Tooling
- Product Feature Selector
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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY, VERTICAL, CHAMP , BLINDMATE .0...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Connector, CHAMP, Blindmate, .050 Series I](#) (PDF, English)

#### Application Specifications:

- [CHAMP .050 Series I Blindmate Plug and Receptacle Si...](#) (PDF, English)

#### Instruction Sheets:

- [Seating Tool Assemblies 1320142-\[\] and 356198-\[\] for...](#) (PDF, English)
- [Adapter Kits for GREENERD Manual Frame Assemblies 3A...](#) (PDF, English)

#### CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version N1\)](#)
- [3D Model \(IGES, Version N1\)](#)
- [3D Model \(STEP, Version N1\)](#)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- Product Type = Connector
- Profile = Standard
- PCB Mount Style = Through Hole
- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)
- PCB Mounting Orientation = Vertical
- Type of Connector = Blindmate
- PCB Mount Alignment = With
- PCB Mount Alignment Type = Keying Post
- Color = Black
- Sealed Bottom = Without
- Product Series = Series I

#### Termination Features:

- Termination Post Length (mm [in]) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin over Nickel

#### Body Features:

- Retention Leg Material = Brass
- Retention Leg Plating = Tin over Nickel

#### Contact Features:

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

#### Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 1.27 [0.050]
- Housing Material = Liquid Crystal Polymer (LCP)
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 80

#### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- Applies To = Printed Circuit Board
- Housing Temperature Rating = High

#### Operation/Application:

- Application = SCA2 (Single Connector Attachment), SCSI

#### Other:

- Brand = TE Connectivity

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