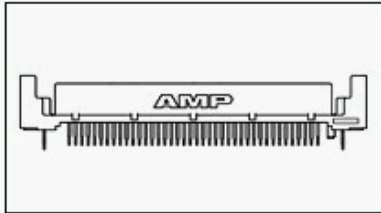



787311-1 Product Details

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787311-1

TE Internal Number: 787311-1

 Active

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

 [5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

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

[View all Features](#)

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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 Mounting Orientation](#) = Vertical
- [Type of Connector](#) = Blindmate
- [PCB Mount Alignment](#) = With
- [PCB Mount Alignment Type](#) = Keying Post
- [Retention Leg Material](#) = Brass
- [Color](#) = Black
- [Sealed Bottom](#) = Without
- [Product Series](#) = Series I

Mechanical Attachment:

- [Retention Leg Plating](#) = Tin-lead over Nickel

Termination Features:

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

Body Features:

- [Number of Positions](#) = 80
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Mount Retention Type](#) = Boardlock(s)

Contact Features:

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

Housing Features:

- [Connector Style](#) = Receptacle
- [Housing Temperature Rating](#) = High
- [Housing Material](#) = Liquid Crystal Polymer (LCP)
- [UL Flammability Rating](#) = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board

Operation/Application:

- [Application](#) = SCA2 (Single Connector Attachment), SCSI

Other:

- [Brand](#) = AMP

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