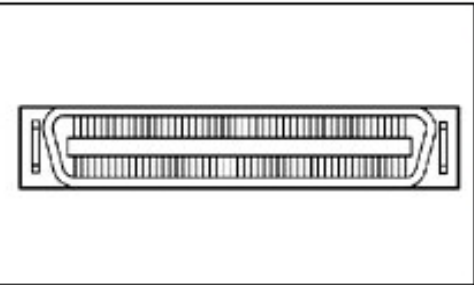


557102-5 Product Details

[Live Product Chat](#)



557102-5

TE Internal Number: 557102-5



Superseded

[Search for Replacement Parts](#)



[View 3D PDF](#)

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
- Plug
- 40 Positions
- 1.27 mm Centerline
- Standard Profile

[View all Features](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [CHAMP .050\(1.27\)SERIES I CONNECTORS FOR VESA APPLICAT](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)

Product Specifications:

- [Connector, CHAMP, .050, Board-To-Board, Vertical and ...](#) (PDF, English)
- [CHAMP* .050 Series I .025 Inch Centerline Connector](#) (PDF, English)

Application Specifications:

- [CHAMP .050 Series I Board-To-Board Connectors](#) (PDF, English)
- [CHAMP .050 Series I Connectors for 0.64 mm \(.025 In....](#) (PDF, English)

Instruction Sheets:

- [Base Assembly Universal Arbor Tool 768338-4](#) (PDF, English)
- [Connector-Specific Kit 679177-2 for CHAMP .050 Serie...](#) (PDF, English)
- [Pneumatic Auto-Cycle Unit 91112-3](#) (PDF, English)
- [Manual Arbor Frame Assembly 91085-2](#) (PDF, English)

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

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Plug
- [Number of Positions](#) = 40
- [Profile](#) = Standard
- PCB Mount Style = Through Hole
- PCB Retention Feature = Yes
- [PCB Mount Angle](#) = Vertical
- [Connector Type](#) = Series I
- [PCB Mount Polarization](#) = With
- [PCB Mount Polarization Type](#) = Keying Post
- Retention Leg Material = Brass
- Color = Black
- Used For = Board To Board Applications
- Sealed Bottom = Without
- Product Series = Series I

Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.54 [0.100]
- Solder Tail Contact Plating = Tin-Lead

Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Retention Method](#) = Boardlock(s)

Contact Related Features:

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

Housing Related Features:

- [Housing Temperature Rating](#) = High
- Housing Material = Liquid Crystal Polymer (LCP)
- Housing 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

Operation/Application:

- [Application](#) = VESA

Other:

- Brand = AMP