

## 1747025-6 Product Details

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### 1747025-6

TE Internal Number: 1747025-6

[Active](#)

## .4mm, .5mm, .6mm, .8mm, Fine Pitch, Surface Mount, Stacking Bd-to-Bd Connectors

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Plug
- Family Name = Fine Mate
- .50 mm Centerline
- Number of Positions = 50
- In-Line Contact Layout

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [Product Feature Selector](#)
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### Documentation & Additional Information

#### Product Drawings:

- [ON TAPING \(EMBOSS\) 0.5mm PITCH FINE MATE CONN. TAB A...](#) (PDF, Japanese)

#### Catalog Pages/Data Sheets:

- [Fine Pitch Catalog - 0.5mm Fine Stack and Fine Mate ...](#) (PDF, English)

#### Product Specifications:

- [0.5mm Pitch Fine Mate Conn.](#) (PDF, Japanese)

#### Application Specifications:

- None Available

#### Instruction Sheets:

- [0.5/0.8MM PITCH FINE MATE CONN.](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[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:

- [Gender](#) = Plug
- [Number of Positions](#) = 50
- PCB Mount Angle = Right Angle
- [Keyed](#) = No
- [Sealant](#) = Without

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 0.50 [0.0197]
- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 4.50 [0.177]
- [Grounding Plate](#) = Without
- [Grounding Contact](#) = Without
- [Locating Post\(s\)](#) = Without
- Number of Rows = Dual

#### Contact Related Features:

- Family Name = Fine Mate
- [Contact Layout](#) = In-Line
- Contact Material = Copper Alloy
- [Contact Mating Area Plating Material](#) = Gold over Nickel

#### Housing Related Features:

- Housing Color = Black
- Housing Material = High Temperature Thermoplastic
- Housing Flammability Rating = UL 94V-0
- Housing Material Temperature = High

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Packaging Related Features:

- [Packaging Method](#) = Tape & Reel

#### Other:

- Brand = AMP