

## 1-5316077-1 Product Details

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### 1-5316077-1

TE Part Number: 1-5316077-1

✓ Active

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### .4mm, .5mm, .6mm, .8mm, 1mm, Fine Pitch, Surface Mount, Stacking Bd-to-Bd Connectors

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

#### Product Highlights:

- Receptacle
- Family Name = Free Height
- .60 mm Centerline
- Number of Positions = 160
- In-Line Contact Layout

[View all Features](#) | [Find Similar Products](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [View Mating Products \(71\)](#)
- ▶ [Product Feature Selector](#)
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### Documentation & Additional Information

#### Product Drawings:

- [TRAY ASSY FH 0.6BTB CONNECTOR REC 4H W/G-CONT](#) (PDF, Japanese)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [0.6 mm Pitch Board to Board Connector, Free Height T...](#) (PDF, English)

#### Application Specifications:

- [AMP FH 0.6mm Pitch Board-to-Board Connector](#) (PDF, English)

#### Instruction Sheets:

- None Available

#### 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](#)

#### Additional Product Images:

- [Recommended PCB Grd Circuit](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(71\)](#)

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

#### Product Type Features:

- [Gender](#) = Receptacle
- [Number of Positions](#) = 160
- PCB Mount Angle = Vertical
- [Keyed](#) = Yes
- [Sealant](#) = Without

#### Termination Related Features:

- Solder Tail Contact Plating = Gold over Nickel

#### Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 0.60 [0.024]
- [Board-to-Board Stack Height \(mm \[in\]\)](#) = 4.00 [0.157]
- [Grounding Plate](#) = Without
- [Grounding Contact](#) = With
- [Locating Posts](#) = With
- [Vacuum Cover](#) = Without
- Number of Rows = Dual

#### Contact Related Features:

- Family Name = Free Height
- [Contact Layout](#) = In-Line
- Contact Material = Copper Alloy
- [Contact Mating Area Plating Material](#) = Gold (8)

#### Housing Related Features:

- Housing Color = Natural
- 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, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Height = 4H

#### Packaging Related Features:

- [Packaging Method](#) = Soft Tray

#### Other:

- Brand = Tyco Electronics