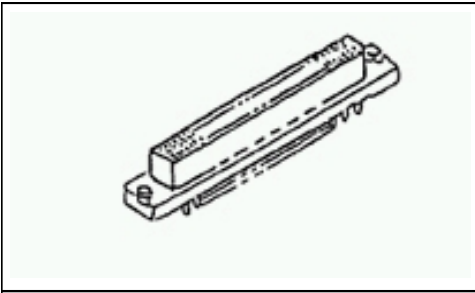


## 6-5174215 -2 Product Details

**Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



**6-5174215 -2**

✓ [Active](#)

### .050 Series Board Mount Connectors

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

#### Product Highlights:

- ? Connector
- ? Receptacle
- ? Number of Positions = 40
- ? Not Shielded
- ? Without Mating Connector Lock

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

#### Quick Links

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

### Documentation & Additional Information

#### Product Drawings:

- ? [PLUG ASSY \(VERTICAL W/O SCREW HOLE\) AMPLIMITE 050 SE...](#) (PDF, Japanese)

#### Catalog Pages/Data Sheets:

- ? None Available

#### Product Specifications:

- ? [AMPLIMITE\\*.050 SERIES I BTB CONNECTOR](#) (PDF, English)

#### Application Specifications:

- ? None Available

#### Instruction Sheets:

- ? None Available

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

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

[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
- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 40
- ? [Shielded](#) = No
- ? [Mating Connector Lock](#) = Without
- ? [Mount Angle](#) = Vertical
- ? [PCB Polarization](#) = Without
- ? [PCB Retention Feature](#) = No
- ? [Rails](#) = Without
- ? [Shell Type](#) = All Plastic
- ? [Product Series](#) = Series I

#### Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.10 [0.122]

#### Body Related Features:

- ? Post Plating = Tin over Nickel

#### Contact Related Features:

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

#### Housing Related Features:

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

#### 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
- ? RoHS/ELV Compliance History = Always was RoHS compliant

#### Other:

- ? Brand = AMP