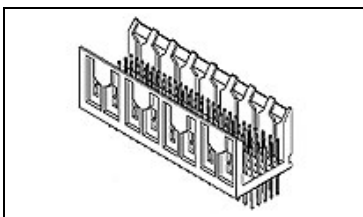




223016-2 Product Details



223016-2
(223013-8)

TE Internal Number: 223016-2

Active

[View 3D PDF](#)

2mm Centerline Futurebus+ Connectors

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

Product Highlights:

- Module Type = Signal
- 60 Signal Positions
- Connector
- Header
- Fixed-Board Application

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [ASSEMBLY, PIN, SIGNAL, VERTICAL, Z-PACK 2mm FB, 5 RO...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Z-PACK 2 mm FB \(Futurebus+\) Receptacle and Pin Heade...](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(6\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Header
- [PCB Mounting Orientation](#) = Vertical
- [Post Type](#) = Press-Fit

Mechanical Attachment:

- [Module Type](#) = Signal
- [Mating Post Length \(mm \[in\]\)](#) = 5.75 [0.226]
- Press-Fit Post Style = Compliant Pin
- Pin Header Width (mm [in]) = 18.00 [0.709]

Electrical Characteristics:

- Voltage Rating (VAC) = 30

Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 4.25 [0.167]

Contact Features:

- Contact Type = Pin
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

Housing Features:

- Connector Style = Plug
- Housing Material = Liquid Crystal Polymer (LCP)

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Applies To = Printed Circuit Board

Body Features:

- [Number of Signal Positions](#) = 60
- [Sequencing](#) = No
- [Number of Rows](#) = 5
- [Post Plating](#) = Tin Lead over Nickel
- Centerline, Matrix (mm [in]) = 2.00 x 2.00 [.079 x .079]

Operation/Application:

- [Application](#) = Fixed-Board

Other:

- Brand = AMP
- Comment = Sequencing of the mating posts and lead lengths is available. Worksheets for this procedure may be found under Z-PACK 2mm FB General Information.

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