

Product Details for 5106509 - 1



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[Active](#)

**2mm Hard Metric PCB Mount Connectors
(Z - PACK 2mm HM)**

[RoHS Compliant \(Statement of Compliance\)](#)

Product Highlights:

- ? Connector
- ? Connector Type = Type A
- ? Plug
- ? Interface Type = 2mm HM
- ? Contact Type = ACTION PIN Post

[View all Features](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(1\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [MALE ASSEMBLY, Z -PACK 2mm HM, TYPE A](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? None Available

Instruction Sheets:

- ? None Available

CAD Files:

- ? None Available

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)
- ? [Mating Products \(1\)](#)

[List all Documents](#)

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

Product Type Features:

- ? [Product Type](#) = Connector
- ? [Connector Type](#) = Type A
- ? [Gender](#) = Plug
- ? [Number of Positions](#) = 154
- ? [PCB Mount Angle](#) = Vertical
- ? [Mating Polarization](#) = With
- ? [Mating Polarization Method](#) = Multi -Purpose Center
- ? [Shielded](#) = Yes

Mechanical Attachment:

- ? [Board Mount](#) = Fixed Board
- ? [Module Length \(mm \[in\]\)](#) = 50.00 [1.968]
- ? [Crosstalk Version](#) = Standard
- ? Front Mating Level = Level 1
- ? Shield Style = Ground Return Shielding

Termination Related Features:

- ? [Interface Type](#) = 2mm HM
- ? Termination End Plating = Tin over Nickel

Body Related Features:

- ? [Number of Rows](#) = 5+2
- ? [Grounding Contact](#) = Without
- ? Rows Loaded = A, F, Z, E, B, C, D

Contact Related Features:

- ? Contact Type = ACTION PIN Post, Signal
- ? [Feedthrough Post Length \(mm \[in\]\)](#) = 13.00 [0.512]
- ? [CompactPCI](#) = No
- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel (50)
- ? Contact Style = Feed through
- ? Feedthrough Post Length (Rows A -E) (mm [in]) = 13.00 [0.512]
- ? Feedthrough Post Length (Rows F&Z) (mm [in]) = 16.00 [0.630]
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = Glass -Filled Polyester
- ? Housing Color = Gray
- ? Housing Flammability Rating = UL 94V -0

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

Packaging Related Features:

- ? Packaging Quantity = 11

Other:

- ? Brand = AMP