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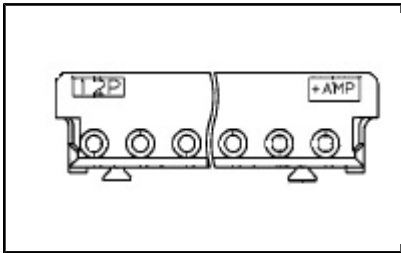
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# 173977-6 Product Details


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



173977-6



[Active](#)

2mm AMP CT



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

### Product Highlights:

- Connector
- Connector Type = Blindmate, MT (Mass Termination)
- Mating Type = Receptacle
- Number of Positions = 6
- Number of Rows = 1

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**Documentation & Additional Information**

**Product Drawings:**

- [MT REC HOUSING ASS'Y \( AMP CT CONNECTOR 2mm PITCH \)](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [REPRESENTATIVE TERMINALS AND CONNECTORS \(1\)](#) (PDF, English)
- [REPRESENTATIVE TERMINALS AND CONNECTORS \(2\)](#) (PDF, English)
- [INTERCONNECTS FOR NETWORKING](#) (PDF, English)
- [MULTI-USER SYSTEMS](#) (PDF, English)
- [AMP & ELCON Power Connectors & Interconnection Systems](#) (PDF, English)
- [Power Connectors & Interconnection Systems Catalog -...](#) (PDF, English)
- [Power Connectors & Interconnection Systems Catalog -...](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)

**Product Specifications:**

- [AMP Common Termination \(CT\), Conn, 2mm Pitch, M/T Type](#) (PDF, English)
- [Stepping Motor I/O Connector Post Header Assembly](#) (PDF, English)

**Application Specifications:**

- [AMP Common Termination \(CT\) Connector Termination of...](#) (PDF, English)

**Instruction Sheets:**

- [MINI PRESS CT CONNECTOR \(WAS IS-553J\)](#) (PDF, Japanese)

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

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

**Additional Information:**

- [Product Line Information](#)

**Additional Product Images:**

- [Typical Application](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(12\)](#)

[List all Documents](#)

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

- [Product Type](#) = Connector
- [Connector Type](#) = Blindmate, MT (Mass Termination)
- [Mating Type](#) = Receptacle
- [Number of Positions](#) = 6
- [Wire Insulation Diameter \(mm \[in\]\)](#) = 0.85 – 1.05 [0.034 – 0.041]
- Wire Termination Type = IDC Mass Termination

**Mechanical Attachment:**

- [Panel Attachment](#) = Without

**Body Related Features:**

- [Number of Rows](#) = 1
- [Wire Range \(mm \[AWG\]\)](#) = 0.08-0.15<sup>2</sup> [28-26]
- Centerline (mm [in]) = 2.00 [0.079]

**Contact Related Features:**

- Contact Material = Phosphor Bronze
- Contact Mating Area Plating Material = Pre-Tin

**Housing Related Features:**

- [Housing Material](#) = PBT - GF
- [Housing Color](#) = White
- 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

**Conditions for Usage:**

- [Terminate To](#) = Wire

**Other:**

- Brand = AMP

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