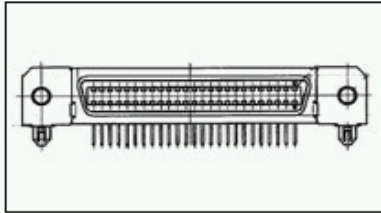


## 5178240-2 Product Details

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5178240-2

TE Internal Number: 5178240-2

 [Active](#)

### 1.27 [.050] Series II and Series III Connectors

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

#### Product Highlights:

- Connector Style = Header - Receptacle
- 20 Positions
- Applies To Printed Circuit Board
- Right Angle Mount Angle
- With PCB Mount Retention

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
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#### Documentation & Additional Information

##### Product Drawings:

- [REC HDR ASSY \(2.2MM\) RETENTION LEG TYPE STD CHAMP .0...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- None Available

##### Product Specifications:

- [CHAMP .050 SERIES II WTB CONNECTOR](#) (PDF, English)

##### Application Specifications:

- None Available

##### Instruction Sheets:

- None Available

##### CAD Files:

- None Available

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)

[List all Documents](#)

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

##### Product Type Features:

- [Mount Angle](#) = Right Angle
- [PCB Mount Retention](#) = With
- [Mating Connector Lock](#) = Without
- [Product Series](#) = Series II
- Color = Black
- Shell Material = Steel

##### Mechanical Attachment:

- [Panel Mount Retention](#) = With
- Tine Plate Material = Thermoplastic

##### Termination Features:

- Termination Post Length (mm [in]) = 2.20 [0.086]
- Solder Tail Contact Plating = Tin over Nickel

##### Body Features:

- [Number of Positions](#) = 20
- Centerline (mm [in]) = 1.27 [0.050]
- PCB Mount Retention Type = Boardlock(s)
- Shell Plating = Nickel

##### Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (12)
- Contact Base Material = Copper Alloy

##### Housing Features:

- Connector Style = Header - Receptacle
- [Housing Material Temperature](#) = Standard
- Housing Material = Zinc Diecast
- UL Flammability Rating = UL 94V-0

##### Industry Standards:

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

##### Conditions for Usage:

- [Applies To](#) = Printed Circuit Board

##### Other:

- Brand = AMP

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