

745085-2 Product Details

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745085-2

TE Part Number: 745085-2

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Standard Board Mount Connectors

[5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

- Number of Positions = 25
- Receptacle
- PCB Mount Angle = Right Angle
- Product Series = HD 20
- Without Mating Connector Lock

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSY, SIZE 3, 25 POSN, RIGHT ANGLE, .478 ...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPLIMITE HD-20 Series 318, 478, and 590 Right-Angle...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

[List all Documents](#)

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

Product Type Features:

- [Number of Positions](#) = 25
- [Gender](#) = Receptacle
- [PCB Mount Angle](#) = Right Angle
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = Without
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = All Plastic
- [Shell Size](#) = 3
- [Footprint \(mm \[in\]\)](#) = 12.14 [.478]
- [PCB Thickness \(in \[mm\]\)](#) = 0.047 - 0.063 [1.19 - 1.60]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Thru Hole
- [Color Code](#) = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.66 [.026]

Mechanical Attachment:

- [Panel Attachment](#) = Without

Termination Related Features:

- [Grounding Clips](#) = Without
- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- [Solder Tail Contact Plating](#) = Tin-Lead

Body Related Features:

- [PCB Retention Method](#) = Mounting Holes

Contact Related Features:

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

Housing Related Features:

- Housing Flammability Rating = UL 94V-0
- Housing Material = Nylon

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Operation/Application:

- Application = Standard

Other:

- Brand = AMP