



## 1-533903-1 Product Details

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TE Internal Number: 1-533903-1

 **Active**

### AMP-HDI (Four Beam) & TBC (Twin Beam) Connectors

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

#### Product Highlights:

- Connector
- Plug
- 110 Positions
- PCB Mount Style = Through Hole
- PCB Mounting Orientation = Vertical

[View all Features](#)

#### Quick Links

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#### Documentation & Additional Information

##### Product Drawings:

- [HDI, 2 ROW, PIN ASSEMBLY, 4.83 \[.190\] LONG SOLDER PL...](#) (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](#)
- [Connectors \(1\)](#)

[List all Documents](#)

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

##### Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Plug
- [PCB Mount Style](#) = Through Hole
- [PCB Mounting Orientation](#) = Vertical
- [Make First / Break Last](#) = No
- [PCB Mount Retention](#) = With

##### Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 4.83 [0.190]
- [Solder Tail Contact Plating](#) = Tin-Lead

##### Body Features:

- [Number of Positions](#) = 110
- [Number of Rows](#) = 2
- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]
- [PCB Mount Retention Type](#) = Solder Tail (Pin)

##### Contact Features:

- [Contact Configuration](#) = Four-Beam
- [Contact Plating, Mating Area, Material](#) = Gold (50)
- [Contact Base Material](#) = Phosphor Bronze
- [Underplate Material](#) = Nickel

##### Housing Features:

- [Mating Alignment](#) = Without
- [Housing Material](#) = Thermoplastic - GF
- [Housing Color](#) = Natural
- [Housing Material Temperature](#) = High

##### Configuration Features:

- [Center Guide](#) = Without

##### Industry Standards:

- [Government/Industry Qualification](#) = No
- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C

##### Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 1.57 - 3.175 [0.062 - 0.125]

##### Other:

- [Brand](#) = Tyco Electronics

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