



# 1-828430-2 Product Details

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## .100 inch AMPMODU Headers

2X12P AMPMODU II STIFTL

1-828430-2 

TE Internal Number: 1-828430-2

Product Highlights [View All](#)

- Connector
- Header Type = Breakaway
- 24 Positions
- Mating Post Length = 5.90 mm
- Row-to-Row Spacing = 2.54 mm

Pricing & Availability

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Feedback

Documents **Features** Compliance

**Please Note:**  
Use the Product Drawing for all design activity

### Product Type Features

|                                                                                                           |           |
|-----------------------------------------------------------------------------------------------------------|-----------|
| Product Type                                                                                              | Connector |
| Mount Angle            | Vertical  |
| PCB Mount Retention    | Without   |
| Board Standoff         | Without   |
| Mating Connector Lock  | Without   |
| Profile                                                                                                   | Standard  |

### Mechanical Attachment

|                                                                                                           |         |
|-----------------------------------------------------------------------------------------------------------|---------|
| Mounting Ears          | Without |
| Panel Mount Retention  | Without |

### Termination Features

|                                                                                                                       |              |
|-----------------------------------------------------------------------------------------------------------------------|--------------|
| Termination Post Length (mm [in])  | 2.65 [0.104] |
|-----------------------------------------------------------------------------------------------------------------------|--------------|

### Dimensions

|                              |              |
|------------------------------|--------------|
| Mating Post Length (mm [in]) | 5.90 [0.232] |
|------------------------------|--------------|

### Body Features

|                                                                                                        |                       |
|--------------------------------------------------------------------------------------------------------|-----------------------|
| Header Type         | Breakaway             |
| Row-to-Row Spacing (mm [in])                                                                           | 2.54 [0.100]          |
| Selectively Loaded  | No                    |
| Mount Type          | Printed Circuit Board |

### Contact Features

|                                                                                                                            |                                 |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Contact Plating, Mating Area, Material  | Gold (.1) over Palladium Nickel |
| Solder Tail Contact Plating                                                                                                | Tin over Nickel                 |
| Contact Base Material                                                                                                      | CuZn                            |

### Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PBT   |
| Housing Color    | Green |

### Configuration Features

|                                                                                                              |    |
|--------------------------------------------------------------------------------------------------------------|----|
| Number of Positions     | 24 |
| Number of Rows            | 2  |
| Surface Mount Compatible  | No |

### Industry Standards

|                                                                                                                |                               |
|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| RoHS/ELV Compliance         | RoHS compliant, ELV compliant |
| Lead Free Solder Processes  | Wave solder capable to 240°C  |
| RoHS/ELV Compliance History                                                                                    | Always was RoHS compliant     |
| UL Flammability Rating                                                                                         | UL 94V-0                      |

### Conditions for Usage

|                                                                                                              |    |
|--------------------------------------------------------------------------------------------------------------|----|
| High Temperature Housing  | No |
|--------------------------------------------------------------------------------------------------------------|----|

### Operation/Application

|                                                                                                                      |    |
|----------------------------------------------------------------------------------------------------------------------|----|
| High Speed Serial Data Connector  | No |
|----------------------------------------------------------------------------------------------------------------------|----|

### Other

|         |                                     |
|---------|-------------------------------------|
| Brand   | AMP                                 |
| Comment | Headers are side-to-side stackable. |

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