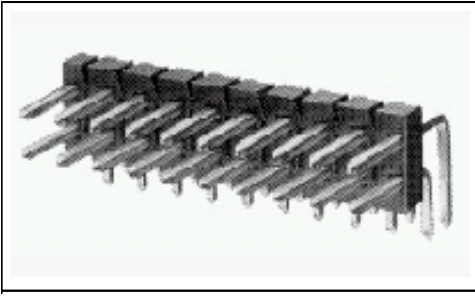


## 7-146311 -0 Product Details

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



**7-146311 -0**

[Active](#)

### .100 inch AMPMODU Headers

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

#### Product Highlights:

- ? Header
- ? Header Type = Breakaway
- ? Number of Rows = Dual
- ? Number of Positions = 40
- ? Mating Post Length = 8.08 mm

[View all Features](#) | [Find Similar Products](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- ? [None Available](#)

#### 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](#)

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

#### Product Type Features:

- ? [Product Type](#) = Header
- ? [Number of Positions](#) = 40
- ? [Mount Angle](#) = Right Angle
- ? [PCB Retention Feature](#) = Yes
- ? [Surface Mount Compatible](#) = Yes
- ? [Board Standoff](#) = Without
- ? [Mounting Ears](#) = Without
- ? [Mating Connector Lock](#) = Without
- ? Post Size (mm [in]) = 0.64 [.025]

#### Mechanical Attachment:

- ? Mating Post Length (mm [in]) = 8.08 [0.318]
- ? [Panel Attachment](#) = Without

#### Electrical Characteristics:

- ? Current Rating (Amps.) = 3
- ? Insulation Resistance (M?) = 5,000
- ? Dielectric Withstanding Voltage (V) = 750

#### Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 2.79 [0.110]
- ? Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- ? [Header Type](#) = Breakaway
- ? [Number of Rows](#) = Dual
- ? [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- ? [Selectively Loaded](#) = No
- ? [PCB Retention Method](#) = Retention Solder Tails
- ? [Mount Type](#) = PC Board

#### Contact Related Features:

- ? [Contact Mating Area Plating Material](#) = Gold (30)
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze
- ? Approved Standards = UL E28476, CSA LE7189

#### Housing Related Features:

- ? Housing Material = Thermoplastic
- ? Housing Flammability Rating = UL 94V -0

#### Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

- ? [High Temperature Housing](#) = Yes
- ? Operating Temperature (°C) = -65 - +105

#### Operation/Application:

- ? [High Speed Serial Data Connector](#) = No

#### Other:

- ? Brand = Tyco Electronics