



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

[PRODUCT DRAWING](#)
English

TE CONNECTIVITY (TE)

RCPT,2MM,40P,VRT MT,30AU,2.6ST

[AMPMODU](#) | [AMPMODU](#)

9-1470209-3

TE Internal Number: 9-1470209-3

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **2 mm [.079 in]**

Stack Height **4.5 mm [.177 in]**

Number of Positions **40**

Packaging Method **Tray, Tray/Box**

Product Drawings

[AMPMODU 2.0mm PITCH REC CONN,VERTICAL MOUNT TYPE](#)

PDF
English

Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

PDF
English

Product Specifications

Product Specification

[AMPMODU 2.0MM PITCH BOARD TO BOARD CONNECTOR.](#)

PDF
English

Qualification Test Report

[AMPMODU 2.0MM PITCH BOARD TO BOARD CONNECTOR.](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Connector Style

Receptacle

PCB Mounting Orientation

Vertical

Row-to-Row Spacing

2 mm [.079 in]

Applies To

Printed Circuit Board

Product Type

Connector

Series

AMPMODU

Connector Type

Connector Assembly

Configuration Features

Number of Positions

40

Cover

Without

	Cover	without
	Post Numbers Omitted	None
	Number of Rows	2
	Selectively Loaded	No
Electrical Characteristics	Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000
	Dielectric Withstanding Voltage (VAC)	650
Body Features	Post Size	.5 mm [.02 in]
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μin)	30
	Contact Shape	Square
	Contact Current Rating (A)	1
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin over Nickel
	Solder Tail Contact Plating Thickness (μin)	100
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	2.6 mm [.102 in]
Mechanical Attachment	PCB Mount Retention	Without
Housing Features	Centerline	2 mm [.079 in]
	Housing Material	High Temperature Thermoplastic
	Housing Color	Black
	Housing Entry Style	Closed Top
Dimensions	Stack Height	4.5 mm [.177 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
Usage Conditions	Operating Temperature Range (°C)	-40 – 105
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476

Packaging Features

Packaging Method

Tray, Tray/Box

Packaging Quantity

150

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 5 Results

[View All](#)

Compare 0/10 

Relation Type 

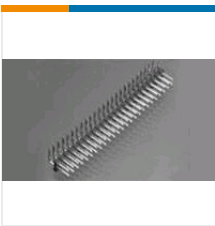
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

AMPMODU | AMPMODU

50 AMPMODU 2MM, H, AU, LF - 5-5176837-2

TE INTERNAL NUMBER: 5-5176837-2

 Active

Always EU RoHS/ELV Compliant 

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **40**

Packaging Method **Loose Piece and Bag**

Contact Mating Area Plating

Material **Gold**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles

AMPMODU | AMPMODU

40 AMPMODU 2MM, H, AU, LF - 1-5176837-9

TE INTERNAL NUMBER: 1-5176837-9

 Active

Always EU RoHS/ELV Compliant 

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **40**

Packaging Method **Box**

Contact Mating Area Plating

Material **Gold**

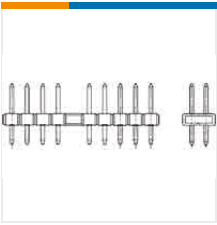
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Board-to-Board Headers & Receptacles
AMPMODU | AMPMODU

AMPMODU 2MM HDR V-TYPE ASSY - 1-5178751-9

TE INTERNAL NUMBER: 1-5178751-9

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2 mm**

Number of Positions **40**

Packaging Method **Loose Piece and Bag**

Contact Mating Area Plating
Material **Gold**

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)