



TE CONNECTIVITY (TE)

2P 2.5MM MINI AMP-IN HDR HSG

AMP-IN | AMP-IN and PC Board Disconnects

172520-2

TE Internal Number: 172520-2

Always EU RoHS/ELV Compliant

Centerline **2.5 mm [.098 in]**

Number of Positions **2**

Number of Rows **1**

Color **Natural**

Mating Retention **Without**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[HEADER HOUSING, LOW PROFILE MINI AMP IN 25MM PITCH\)](#)

PDF (TIFF AVAILABLE)
English

[HEADER HOUSING, LOW PROFILE MINI AMP IN 25MM PITCH\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

PDF
English

Product Specifications

Product Specification

[Low Profile, Mini AMP-IN* Header Crimp Type](#)

TIF
Japanese

[Low Profile, Mini AMP-IN* Header Crimp Type](#)

PDF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_172520-2_07202014216_dmtec](#)

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	Applies To	Printed Circuit Board
	Connector Style	Plug
	Strain Relief	Without
	Product Type	Connector
	Type of Connector	Crimp
Configuration Features	Number of Positions	2
	Number of Rows	1
Electrical Characteristics	Operating Voltage	250 VAC, 250 VDC
Body Features	Color	Natural
Contact Features	Contact Type	Pin
	Contact Base Material	Brass
	Contact Layout	Inline
Termination Features	Termination Method to Wire/Cable	Crimp
Mechanical Attachment	Mating Retention	Without
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mating Alignment	Without
Housing Features	Centerline	2.5 mm [.098 in]
	Housing Configuration	Both Ends Closed
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	PCB Thickness (Recommended)	.047 – .063 in, 1.19 – 1.6 mm
	Length	6 mm [.23 in]
	Height (in)	.14
	Wire/Cable Size (AWG)	26 – 22, 30 – 22

Wire/Cable Size (mm²)

.05 - .15, .12 - .35

Usage Conditions

Operating Temperature Range

-40 - 105 °C [-40 - 221 °F]

Operation/Application

For Use With

Low Profile Miniature AMP-IN Connectors

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

2000

Packaging Method

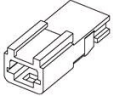


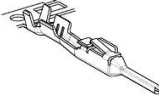
Bag

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>025 G 4POS CAP W TO W 1612035-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>LOW PRO MINI AMP-IN HDR 4P 172520-4</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>UMNL SOK 20-14 .0126 PTPBR 350536-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS</p>  <p>025 TH TAB CONTACT 1674742-1</p> <p>Save to List Find Similar Products</p>
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Products - 6 Results

[View All](#)

Compare 0/10

Relation Type

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Wire-to-Board Connector
Contacts
AMP-IN | AMP-IN and PC Board Disconnects

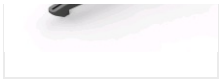
LOW PROFILE MINI

Always EU RoHS/ELV Compliant

Wire/Cable Size **30 - 26 AWG**

Wire/Cable Size **.05 - .15 mm²**





AMP-IN (AWG#30-#26)Y-TY - 172781-4

TE INTERNAL NUMBER: 172781-4

✓ Active

Wire/Cable Size **.05 - .15 mm²**

Contact Mating Area Plating
Material **Tin**

Packaging Method **Strip**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector
Contacts

AMP-IN | AMP-IN and PC Board Disconnects

LOW PROFILE MINI AMP-IN - 172782-7

TE INTERNAL NUMBER: 172782-7

✓ Active

Always EU RoHS/ELV Compliant

Wire/Cable Size **26 - 22 AWG**

Wire/Cable Size **.12 - .4 mm²**

Contact Mating Area Plating
Material **Post Tin**

Packaging Method **Strip**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector
Contacts

AMP-IN | AMP-IN and PC Board Disconnects

MINI AMP IN - 172781-2

TE INTERNAL NUMBER: 172781-2

✓ Active

Always EU RoHS/ELV Compliant

Wire/Cable Size **30 - 26 AWG**

Wire/Cable Size **.05 - .15 mm²**

Contact Mating Area Plating
Material **Pre-Tin**

Packaging Method **Strip**

