



HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

EMIX CONN., 1.5mm PITCH, HDR, V/T, 5P

HPI | HDR

5-1775443-5

TE Internal Number: 5-1775443-5

Always EU RoHS/ELV Compliant

Centerline **1.5 mm [.059 in]**

Number of Positions **5**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

[EMIX CONN., 1.5mm PITCH, HDR, VERTICAL](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

[MD_5-1775443-5_052020142354_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

PCB Mounting Orientation

Vertical

Product Type

Connector

Connector Type

Header

Connector System

Wire-to-Board

Wire/Cable Type

Discrete Wire

	Strain Relief	Without
	Sealed	No
	Connector Style	Plug
	Applies To	Printed Circuit Board
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Configuration Features	Number of Positions	5
	Number of Rows	1
	Tail Orientation	Straight
	Backwall/Post Interruptions	Without
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Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Header Type	Partially Shrouded
	Post Material	Brass
	Post Plating Material	Tin over Nickel
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	2.54 μm [100 μin]
	Contact Termination Area Plating Thickness	2.54 μm [100 μin]
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
	Tail Plating Thickness	2.54 μm [100 μin]
	Contact Type	Pin
	Contact Plating Material	Tin over Nickel
	Contact Current Rating (A)	3
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Bright
	Contact Base Material	Brass
<hr/>		
Termination Features	Contact Termination Type	Surface Mount
	Termination Post Length	.061 in, 1.55 mm
	Termination Method to PC Board	Surface Mount
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	Without

Mating Retention	Without
PCB Mount Retention	Without
Contact Retention	Without
Mating Alignment Type	Polarization
Mating Alignment	With

Housing Features	Centerline	1.5 mm [.059 in]
	Housing Color	Natural
	Housing Material	Thermoplastic

Dimensions	Mating Post Length	2.7 mm [.106 in]
	Height	5 mm [.1968 in]
	Wire/Cable Size (AWG)	30 – 24
	Width	6 mm [.236 in]
	Wire/Cable Size (mm ²)	.05 – .2
	Length	9 mm [.354 in]

Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application	For Use With	1775441-x
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Reel
	Packaging Quantity	1000

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 2 Results

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Relation Type ▼

RELATIONSHIP
Mating Products

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector
Housings
HPI | HPI

**EMIX CONN., 1.5mm
PITCH, RCPT, HSG, 5P
- 1775441-5**

TE INTERNAL NUMBER: 1775441-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.5 mm**

Number of Positions **5**

Number of Rows **1**

Color **Natural**

Mating Retention **Without**

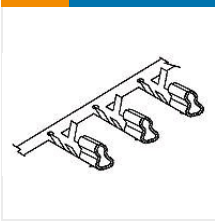


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Wire-to-Board Connector
Contacts
HPI | HDR

**EMIX CONN., 1.5mm
PITCH, TERMI
- 1775442-1**

TE INTERNAL NUMBER: 1775442-1

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Centerline **1.5 mm**

Wire/Cable Size **30 – 24 AWG**

Wire/Cable Size **.05 – .02 mm²**

Contact Mating Area Plating

Material **Tin**

