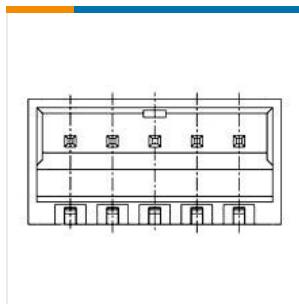


HEADERS & RECEPTACLES



✓ Active

 **PRODUCT DRAWING**
English

 **3D PDF**

TE CONNECTIVITY (TE)

EMIX CONN., 1.5mm PITCH, HDR, R/A, 6P

HPI | HDR

5-1775444-6

TE Internal Number: 5-1775444-6

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Product Drawings

EMIX CONN., 1.5mm PITCH, HDR, RIGHT ANGLE

PDF
English

CAD Files

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
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

Right Angle

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	
Configuration Features	Number of Positions	6
	Number of Rows	1
	Tail Orientation	Straight
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Header Type	Partially Shrouded
	Post Material	Brass
	Post Plating Material	Tin over Nickel
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness (µm)	2.54
	Contact Termination Area Plating Thickness	2.54 µm [100 µin]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Tail Plating Material	Tin
	Contact Type	Pin
	Contact Plating Material	Tin over Nickel
	Tail Plating Thickness (µin)	100
	Contact Current Rating (A)	3
	Contact Layout	Inline
	Contact Termination Area Plating Material Finish	Bright
	Contact Base Material	Brass
Termination Features	Contact Termination Type	Surface Mount
	Termination Post Length	.081 in, 2.05 mm
	Termination Method to PC Board	Surface Mount
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	4.45 mm [.175 in]
	Wire/Cable Size (AWG)	30 – 24
	Width	7 mm [.2756 in]
	Wire/Cable Size (mm ²)	.05 – .2
	Length	10.5 mm [.413 in]
Usage Conditions	Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
Operation/Application	For Use With	1775441-x
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Reel
	Packaging Quantity	1000
Product Compliance	Statement of Compliance PDF	
		VIEW ALL PRODUCT COMPLIANCE

Products - 2 Results

[View All](#)

Compare 0/10 

Relation Type	
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS	
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Connectors - Wire-to-Board Connector
Housings
HPI | HPI
EMIX CONN., 1.5mm PITCH, RCPT, HSG, 6P - 1775441-6
TE INTERNAL NUMBER: 1775441-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.5 mm**

Number of Positions **6**

Number of Rows **1**

Color **Natural**

Mating Retention **Without**

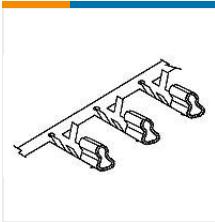


RELATIONSHIP

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**