# 2-1761605-8 × OBSOLETE

### **AMP-LATCH**

TE Internal #: 2-1761605-8

TE Internal Description: IDC LOW PRO HDR 24P RA BLUE

View on TE.com >



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: Wire-to-Board

Number of Positions: 24

Centerline (Pitch): 2.54 mm [.1 in]

PCB Mount Retention: Without

PCB Mount Orientation: Right Angle

### **Features**

## **Product Type Features**

Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Pin Header
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

## **Configuration Features**

Number of Positions	24
PCB Mount Orientation	Right Angle
Number of Rows	2

### **Electrical Characteristics**

Operating Voltage	250 VAC
Insulation Resistance	5000 ΜΩ

# **Body Features**

Daisy Chain	With
Primary Product Color	Blue
Connector Profile	Low

### **Contact Features**

Contact Underplating Material	Nickel
Mating Pin Diameter	.64 mm[.025 in]



	30 μin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	1 A

### **Termination Features**

Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.6 mm[.102 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

## Mechanical Attachment

Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Center
Mating Retention	Without
Connector Mounting Type	Board Mount

# **Housing Features**

Mating Entry Location	Тор
Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]

# Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
Connector Height	8.89 mm[.35 in]
Connector Length	38.1 mm[1.5 in]
Row-to-Row Spacing	2.54 mm[.1 in]

# **Usage Conditions**



Housing Temperature Rating	High
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	50
Packaging Method	Package

# **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

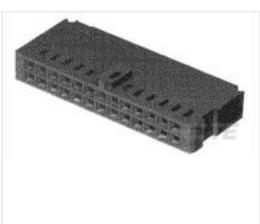
#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# **Customers Also Bought**







20 MODIV HSG COMP DR .100 POL

TE Part #102387-4















### **Documents**

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_2-1761605-8\_B.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-1761605-8\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1761605-8\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# **Product Specifications**

**Product Specification** 

English

**Agency Approvals** 



# **UL Report**

English