



RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

010 UNIV HDR RA 4S 15DP STD L1

AMP-LATCH | Universal Headers

499786-1

TE Internal Number: 499786-1

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Centerline **2.54 mm [.1 in]**

PCB Mount Retention **Without**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole - Solder**

Shrouded **Yes**

Product Drawings

HEADER ASSY, UNIVERSAL, AMP-LATCH

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

3D PDF

PDF
English

Product Specifications

Product Specification

AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid

PDF
English

Qualification Test Report

Connector, AMP-LATCH Header, .100 X .100 Inch Grid

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_499786-1_07292013658_dmtec

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE

PDF
English

AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER

ASSEMBLIE




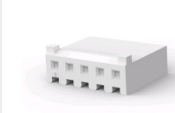
TIF
English

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
	Shrouded	Yes
	Row-to-Row Spacing	2.54 mm [.1 in]
	Connector Style	Receptacle
	Profile	Standard
	Applies To	Printed Circuit Board
	Product Type	Connector
	Board Standoff	Without
	Connector Type	Header
	Connector System	Board-to-Board
	Ejection Latches	With
	Latch Type	Long
Configuration Features	Number of Positions	10
	Number of Rows	2
Electrical Characteristics	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	5000
Body Features	Post Size	.64 mm [.025 in]
	Header Type	Universal Ejection Pin Headers
	Daisy Chain	Without
Contact Features	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel or Gold over Nickel
	Contact Design	Solder Dip
	Contact Shape	Square
	Contact Transmits (Typical)	Signal (Data)
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Current Rating (A)	1
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	15

	Contact Type	Pin
	Contact Termination Area Plating Material	Tin-Lead
Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post Length	2.79 mm [.11 in]
Mechanical Attachment	PCB Mount Retention	Without
	Mating Alignment Type	Center, Dual Polarizing Bar
	Mating Connector Lock	With
	Mating Connector Lock Type	Latch
	Mating Alignment	With
	Polarization	With
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Black
	Housing Style	4-Sided
	Housing Material	Nylon or Polyester
Dimensions	Height	13.94 mm [.55 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]
Usage Conditions	Temperature Rating	Standard
	Operating Temperature Range (°C)	-65 – 105
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tray
	Packaging Quantity	72
Other	Comment	Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown., Pin headers in 10-position size have only slot for dual polarization, located as shown.

CUSTOMERS ALSO BOUGHT

<div>RIBBON CABLE CONNECTORS</div> <div></div> <div>040 UNIV HDR SP 4S 30DP STD 102154-9</div> <div><div>Save to List</div><div>Find Similar Products</div></div>	<div>BOX MOUNT D-SUB CONNECTORS</div> <div></div> <div>AMPLIMITE, R/A RCPT ASY, 109, ZN, 1 1757836-1</div> <div><div>Save to List</div><div>Find Similar Products</div></div>	<div>RIBBON CONNECTOR ACCESSORIES</div> <div></div> <div>A/L HARDWARE FOR EJECTION KIT 102198-1</div> <div><div>Save to List</div><div>Find Similar Products</div></div>	<div>WIRE-TO-BOARD CONNECTOR HOUSINGS</div> <div></div> <div>05P SL156 HSG W/RMP&TABS, OVSZ 647402-5</div> <div><div>Save to List</div><div>Find Similar Products</div></div>
--	--	---	--