



## RIBBON CABLE CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

### 014 UNIV HDR RA 4S 15DP STD L1

AMP-LATCH | Universal Headers

499786-2

TE Internal Number: 499786-2

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

##### 3D PDF

PDF  
English

##### Customer View Model

2D\_DXF.ZIP  
English

##### Customer View Model

3D\_IGS.ZIP  
English

##### Customer View Model

3D\_STP.ZIP  
English

#### Product Specifications

Product Specification

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

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Qualification Test Report

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

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#### Product Environmental Compliance

TE Material Declaration

##### MD\_499786-2\_07292013658\_dmtec

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#### Instruction Sheets

Instruction Sheet (U.S.)

##### AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE

PDF  
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##### 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	<b>Right Angle</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Receptacle</b>
	Profile	<b>Standard</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Board-to-Board</b>
	Ejection Latches	<b>With</b>
	Latch Type	<b>Long</b>
Configuration Features	Number of Positions	<b>14</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (M $\Omega$ )	<b>5000</b>
Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Universal Ejection Pin Headers</b>
	Daisy Chain	<b>Without</b>
Contact Features	Contact Mating Area Plating Material	<b>Gold Flash over Palladium Nickel or Gold over Nickel</b>
	Contact Design	<b>Solder Dip</b>
	Contact Shape	<b>Square</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Thickness ( $\mu$ in)	<b>15</b>

	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	64
Other	Comment	Pin headers in 10- and 14-position sizes have only one slot for snap-in polarizer (military polarization), located as shown.
Product Compliance	<a href="#">Statement of Compliance</a>	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

