



# HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 024 RCPT SYSTEM 50 30 DPLX

AMP-LATCH | AMPMODU

2-111196-8

TE Internal Number: 2-111196-8

Always EU RoHS/ELV Compliant

Centerline **1.27 mm [ .05 in ]**

Number of Positions **24**

Number of Rows **2**

Contact Mating Area Plating Material **Gold**

Contact Mating Area Plating Thickness **.762 µm [ 30 µin ]**

### Product Drawings

[AMP-LATCH SYSTEM 50, RECEPTACLE ASSEMBLY, 0.64\[.025\] , IDC](#)

PDF  
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### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[Ribbon Cable Interconnect Solutions](#)

PDF  
English

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#)

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### Product Specifications

Product Specification

[AMPLATCH\\* System 50 Connector Receptacle And Paddleboard](#)

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Application Specification

[AMPMODU System 50 Ribbon Cable Receptacle Connectors](#)

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Qualification Test Report

[AMPLATCH System 50 Connector Receptacle And Paddleboard](#)

TIF  
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[AMPLATCH System 50 Connector Receptacle And Paddleboard](#)

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[AMPLATCH System 50 Connector Receptacle And Paddleboard](#)

## Product Environmental Compliance

TE Material Declaration

[MD\\_2-111196-8\\_04192014220\\_dmtec](#)

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## Instruction Sheets

Instruction Sheet (U.S.)

[Base Assembly Universal Arbor Tool](#)

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[Connector-Specific Kit 679167-1 For AMP-LATCH System 50 Receptacle Connectors](#)

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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	Product Type	<b>Connector</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Type	<b>Connector Assembly</b>
	Shape	<b>Rectangular</b>
	Wire/Cable Type	<b>Ribbon Cable</b>
	Strain Relief	<b>Without</b>
	Connector Style	<b>Receptacle</b>
	Applies To	<b>Cable</b>
Configuration Features	Number of Positions	<b>24</b>
	Number of Rows	<b>2</b>
	Backwall/Post Interruptions	<b>Without</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>30</b>
	Insulation Resistance	<b>5000 MΩ</b>
Body Features	Latch Material	<b>Stainless Steel</b>
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.762 μm [ 30 μin ]</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Termination Area Plating Thickness	<b>2.54 – 5.08 μm [ 100 – 200 μin ]</b>

Tail Plating Thickness	<b>2.54 – 5.08 µm [ 100 – 200 µin ]</b>
Contact Current Rating (A)	<b>.5</b>
Contact Termination Area Plating Material	<b>Tin</b>
Contact Base Material	<b>Copper Alloy</b>

Mechanical Attachment	Mating Retention	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Contact Retention	<b>With</b>
	Mating Connector Lock Type	<b>Latch</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>With</b>
	Mating Retention Type	<b>Friction Lock</b>

Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>

Dimensions	Length	<b>21.844 mm [ .86 in ]</b>
	Height	<b>12.32 mm [ .485 in ]</b>

Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
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Operation/Application	For Use With	<b>Post Header Assembly</b>
	Pick and Place Cover	<b>With</b>

Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>60</b>

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

