



CONNECTORS

## FFC CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 012 HOUSING FFC RCPT 050CL SR

FFC | FFC

487545-9

TE Internal Number: 487545-9

Alias ID: 010-7174-00

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

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

Number of Positions **12**

Number of Rows **1**



#### Product Drawings

[HOUSING, RECEPTACLE, .050 C/L](#)

PDF  
English

#### 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

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

PDF  
English

#### Product Specifications

Product Specification  
Application Specification

**.050 Inch Centerline FFC Cable Connector**  
PDF  
**English**  
**Flexible Flat Cable (FFC) Connectors For 1.27 Mm (.050 In.) Centerline Cable**  
PDF  
**English**

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Connector Type	<b>Housing</b>
	Connector Style	<b>Receptacle</b>
	Applies To	<b>Cable</b>
	Insertion Force	<b>Normal</b>
	Type of Connector	<b>Rectangular</b>
	Wire/Cable Type	<b>FFC</b>
	Product Type	<b>Connector</b>
	Connector System	<b>Wire-to-Board</b>

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Configuration Features	Number of Positions	<b>12</b>
	Number of Rows	<b>1</b>

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Electrical Characteristics	Voltage	<b>100 VAC</b>
	Dielectric Withstanding Voltage (VAC)	<b>300</b>
	Insulation Resistance (MΩ)	<b>5000</b>

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Body Features	Color	<b>Black</b>
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Contact Features	Contact Type	<b>Socket</b>
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Mechanical Attachment	Mating Connector Lock	<b>With</b>
	Mating Alignment	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Connector Lock Type	<b>Latch</b>
	Mating Retention	<b>With</b>

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

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Usage Conditions

Flame Retardant

**Yes**

Operating Temperature Range (°C)

**-55 – 105**

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Industry Standards

UL Flammability Rating

**UL 94V-0**

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Packaging Features

Packaging Method

**Carton**

Packaging Quantity

**1000**

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Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

