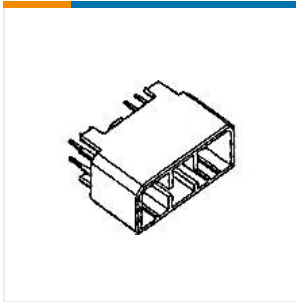




CONNECTORS  
HEADERS



TE CONNECTIVITY (TE)  
**070 MLC CAP ASSY V 12P**  
AMP | Multilock .070 , Multilock Connector System

1-174957-1  
TE Internal Number: 1-174957-1

Always EU RoHS/ELV Compliant

Tab Width **1.8 mm [ .071 in ]**

Tab Thickness **.64 mm [ .025 in ]**

Pitch **3.5 mm [ .138 in ]**

Number of Circuits **12**

Sealed **No**

✓ Active

↓ **PRODUCT DRAWING**  
Japanese

↓ **3D PDF**



Product Drawings

[.070 SRS MLC 12Pos. CAP HSG \(W-B\(V-TYPE\)\)](#)  
PDF  
Japanese

CAD Files

[3D PDF](#)  
PDF  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

Product Specifications

Product Specification

[.070 Series MULTILOCK I/O Connector \(MLC\) For PCB](#)  
PDF  
Japanese

[.070 Series Multilock I/O Connector \(MLC\) MK II For PCB](#)

[.070 Series Multilock I/O Connector \(MLC\) MK-II For P.C.B.](#)  
TIF  
Japanese

[.070 Series Multilock I/O Connector \(MLC\) MK-II For P.C.B.](#)  
PDF  
Japanese  
[.070 Multi-Lock Connector \(Wire To P.CB Type\)](#)  
PDF  
Japanese

Qualification Test Report

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	Sealed	<b>No</b>
	Hybrid Header	<b>No</b>
	Shielded	<b>No</b>

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Configuration Features	Number of Circuits	<b>12</b>
	Number of Rows	<b>2</b>
	Number of Sections	<b>1</b>
	Number of Signal Positions	<b>12</b>

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Electrical Characteristics	Nominal Voltage Architecture (V)	<b>12</b>
	Operating Voltage (VDC)	<b>12</b>
	Voltage Rating (Max) (VDC)	<b>12</b>

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Body Features	Color	<b>White</b>
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Contact Features	Tab Width	<b>1.8 mm [ .071 in ]</b>
	Tab Thickness	<b>.64 mm [ .025 in ]</b>
	Circuit Application	<b>Signal</b>
	Interface Plating	<b>Tin (Sn)</b>

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Termination Features	Termination Method	<b>Through Hole - Solder</b>
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Mechanical Attachment	Mounting Orientation	<b>Vertical/180°</b>
	PCB Mount Retention Type	<b>Mounting Holes</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mounting Holes	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	Locking Interface	<b>With</b>

Housing Features	Pitch	<b>3.5 mm [ .138 in ]</b>
Dimensions	Profile Height from PCB	<b>23.5 mm [ .925 in ]</b>
	Width	<b>32.7 mm [ 1.287 in ]</b>
	Length	<b>15.8 mm [ .622 in ]</b>
	PCB Thickness (Recommended) (mm)	<b>1.6</b>
Usage Conditions	Operating Temperature (Max) (°C)	<b>65, 70, 75, 80, 85, 90, 100, 105</b>
	Operating Temperature (Max) (°F)	<b>149, 158, 167, 176, 185, 194, 212, 221</b>
	Operating Temperature Range	<b>-30 – 105 °C [ -22 – 221 °F ]</b>
Industry Standards	Degree of Protection	<b>other</b>
	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Type	<b>Tube</b>
	Packaging Quantity	<b>75</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

