

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)

070 MULTILOCK ASSY 8P WHITE

AMP | Multilock .070 , Multilock Connector System

173856-1

TE Internal Number: 173856-1

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 **8**

Sealed **No**

Product Drawings

070 SERIES MULTI-LOCK CONNECTOR 8POSITION CAP HOUSING ASSEMBLY

PDF
Japanese

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

.070 Series MULTILOCK I/O Connector (MLC) For PCB

PDF
Japanese

.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

Application Specification

.070 Series Receptacle Contact

PDF
English

.070 Series Receptacle Contact

TIF
English

Qualification Test Report

.070 Multi-Lock Connector (Wire To P.CB Type)

PDF
Japanese

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	Sealed	No
	Hybrid Header	No
	Shielded	No

Configuration Features	Number of Circuits	8
	Number of Rows	2
	Number of Sections	1
	Number of Signal Positions	8

Electrical Characteristics	Nominal Voltage Architecture (V)	12
	Operating Voltage (VDC)	12
	Voltage Rating (Max) (VDC)	12

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

Termination Features	Termination Method	Through Hole - Solder
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Mechanical Attachment	Mounting Orientation	Horizontal/90°
	PCB Mount Retention Type	Mounting Holes
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mounting Holes	With
	PCB Mount Alignment	Without
	Locking Interface	With

Housing Features	Pitch	3.5 mm [.138 in]
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Dimensions	Profile Height from PCB	15.8 mm [.622 in]
	Width	39.3 mm [1.547 in]

Length **24.92 mm [.981 in]**

PCB Thickness (Recommended) (mm) **1.6**

Usage Conditions	Operating Temperature (Max) (°C)	65, 70, 75, 80, 85, 90, 100, 105
	Operating Temperature (Max) (°F)	149, 158, 167, 176, 185, 194, 212, 221
	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Industry Standards	Degree of Protection	other
	UL Flammability Rating	UL 94-HB

Packaging Features	Packaging Type	Tube
	Packaging Quantity	60

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

CUSTOMERS ALSO BOUGHT

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS
025 CONN CAP ASSY 24P 1376103-1	040 MLC CAP ASSY V 12P 174973-2	040 MULTILOCK I/O CONN 36PASSY 174146-2	070 MLC CAP H ASSY SGL 3P NAT. 175781-1
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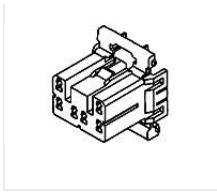
Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS





Connectors - Automotive, Truck, Bus, & Off-Road Housings

AMP I Multilock Connector System

070 MULTILOCK PLUG

8P - 173850-1

TE INTERNAL NUMBER: 173850-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **8**

Pitch **3.5 mm, 5.5 mm**

Sealed **No**

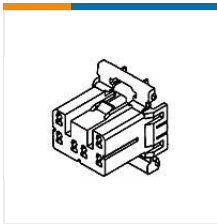
RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Automotive, Truck, Bus, & Off-Road Housings

AMP I Multilock Connector System

070 MLC W-W PLUG

HSG 8P F/A - 1-173850-1

TE INTERNAL NUMBER: 1-173850-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **8**

Pitch **3.5 mm, 5.5 mm**

Sealed **No**



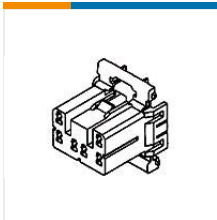
RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Automotive, Truck, Bus, & Off-Road Housings

AMP I Multilock Connector System

070 MLC PLUG HSG 8P

GREEN - 173850-4

TE INTERNAL NUMBER: 173850-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **8**

Pitch **3.5 mm, 5.5 mm**

Sealed **No**

