

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)

070 MLC CAP H ASSY SGL 3P NAT.

AMP | Multilock .070 , Multilock Connector System

175781-1

TE Internal Number: 175781-1

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 **3**

Sealed **No**

Product Drawings

070 SERIES MULTI-LOCK CONNECTOR 3POSITION CAP HOUSING ASSEMBLY (W-B, H-TYPE)

PDF
Japanese

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

Product Specifications

Product Specification

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

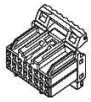



Product Type Features

Sealed	No
Hybrid Header	No
Shielded	No

Configuration Features	Number of Circuits	3
	Number of Rows	1
	Number of Sections	1
	Number of Signal Positions	3
Electrical Characteristics	Nominal Voltage Architecture (V)	12
	Operating Voltage (VDC)	12
	Voltage Rating (Max) (VDC)	12
Body Features	Color	White
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
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]
Dimensions	Profile Height from PCB	12.5 mm [.492 in]
	Width	24.3 mm [.957 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	20.42 mm [.804 in]
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 94V-2
Packaging Features	Packaging Type	Loose Piece
	Packaging Quantity	100
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

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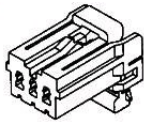
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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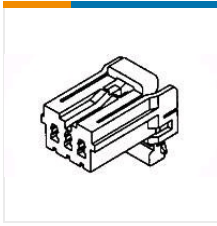
PRODUCT - MATING PRODUCTS		<input checked="" type="checkbox"/>
	<p>Connectors - Automotive, Truck, Bus, & Off-Road Housings AMP I Multilock Connector System</p> <p>070 MLC PLUG HSG 3P YELLOW - 174921-7 TE INTERNAL NUMBER: 174921-7</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style Housing for female terminals</p> <p>Mating Tab Width 1.8 mm</p> <p>Number of Positions 3</p> <p>Pitch 3.5 mm</p> <p>Sealed No</p>

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

I Multilock .070, Multilock Connector System

**070 MLC W-W PLUG
HSG 3P BLUE - 174921-5**

TE INTERNAL NUMBER: 174921-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **3**

Pitch **3.5 mm**

Sealed **No**

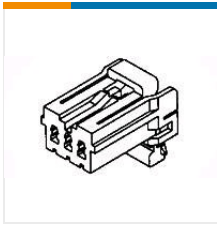


RELATIONSHIP

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 MLC W-W PLUG
HSG 3P BLACK
- 174921-2**

TE INTERNAL NUMBER: 174921-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **3**

Pitch **3.5 mm**

Sealed **No**

