

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)

040 MULTILOCK I/O CONN 16PASSY

AMP | Multilock .040 , Multilock Connector System

174053-2

TE Internal Number: 174053-2

Always EU RoHS/ELV Compliant

Tab Width **1 mm [.039 in]**

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

Pitch **2.5 mm [.098 in]**

Number of Circuits **16**

Sealed **No**

Product Drawings

040 SERIES MULTI-LOCK I/O CONNECTOR 16POSITION CAP HOUSING ASSEMBLY

PDF
Japanese

CAD Files

3D PDF
PDF
3D

Customer View Model
3D_IGS.ZIP
English

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Specifications

Product Specification

.040 Series Multi-Lock I/O Connector (.040 ML I/O)
PDF
Japanese

Qualification Test Report

.040 SERIES MULTI-LOCK CONNECTOR (.040 ML I/O)
PDF
Japanese
.040 Multi Lock Connector
PDF
Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

040 SERIES MULTI-LOCK CONNECTOR
PDF
English

040 SERIES MULTI-LOCK CONNECTOR
TIF
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	Sealed	No
	Hybrid Header	No
	Shielded	No

Configuration Features	Number of Circuits	16
	Number of Rows	2
	Number of Sections	1
	Number of Signal Positions	16

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

Body Features	Color	Black
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Contact Features	Tab Width	1 mm [.039 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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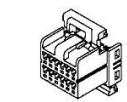
Mechanical Attachment	Mounting Orientation	Horizontal/90°
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mounting Holes	With
	PCB Mount Alignment	Without
	Locking Interface	With

Housing Features	Pitch	2.5 mm [.098 in]
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Dimensions	Profile Height from PCB	16.7 mm [.657 in]
	Width	35 mm [1.378 in]

	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	21.7 mm [.854 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 94-HB
Packaging Features	Packaging Type	Tube
	Packaging Quantity	95
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>CT BOX HDR V SMT 2P O/TAPE NAT 292175-2</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>JPT 3P FOR FUEL TPS ASS'Y 368161-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>2 POS. CONN. FOR SPARK COIL 284556-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>040 MULTILOCK PLUG 16P 174046-2</p> <p>Save to List Find Similar Products</p>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

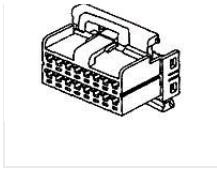
[See All Mating Products](#)

PRODUCT - MATING PRODUCTS

Connectors - Automotive, Truck, Bus, & Off-

Always EU RoHS/ELV Compliant





Road Housings
AMP I TH/.025 Connector System

070 MULTILOCK PLUG

16P - 174147-2

TE INTERNAL NUMBER: 174147-2
ALIAS ID: 0-0174147-2

✓ Active

Connector Style **Housing for female terminals**

Mating Tab Width **1.8 mm**

Number of Positions **16**

Pitch **3.8 mm**

Sealed **No**

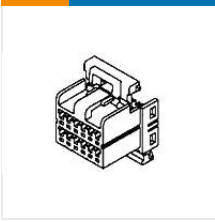
RELATIONSHIP

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

040 MLC PLUG HSG 16P

NATURAL - 174046-1

TE INTERNAL NUMBER: 174046-1

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm**

Number of Positions **16**

Pitch **2.5 mm**

Sealed **No**



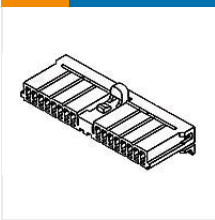
RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



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

AMP I TH/.025 Connector System

040 LOW PROFILE PLUG

16P - 174060-5

TE INTERNAL NUMBER: 174060-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm**

Number of Positions **16**

Pitch **2.5 mm**

Sealed **No**

