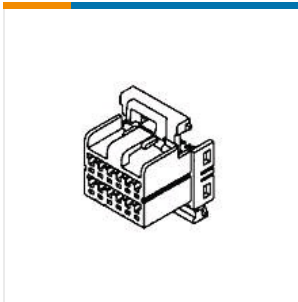




CONNECTOR HOUSINGS



Active

3D PDF

TE CONNECTIVITY (TE)

040 MULTILOCK PLUG 12P

AMP | Multilock Connector System

174045-2

TE Internal Number: 174045-2

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm [.04 in]**

Number of Positions **12**

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

Sealed **No**

Product Drawings

12POSITION PLUG HOUSING 040SERIES MULTI-LOCK CONNECTOR

TIF
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

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

PDF
Japanese

.040 SERIES MULTI-LOCK CONNECTOR (.040 ML I/O)

PDF
Japanese

040 Series Multi-Lock Connector Wire To Wire Type

PDF
Japanese

040 Series Multi-Lock Connector Wire To Wire Type

PDF
Japanese

Application Specification

Crimping .040 Series, Receptacle Contact

PDF
Japanese

Crimping .040 Series Rec Contact For CAVUS Wires

PDF
English

Qualification Test Report

.040 Multi Lock Connector

PDF
Japanese

040 Series Multi-Lock Connector (Wire To Wire Type)

PDF
Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

040 SERIES MULTI-LOCK CONNECTOR



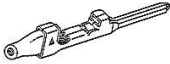

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features	Connector Style	Housing for female terminals
	Sealed	No
	Hybrid Connector	No
	Primary Locking Feature	Integrated in Housing
	Connector System	Wire-to-Board/Device, Wire-to-Wire
	Row-to-Row Spacing (mm)	3, 5
	Row-to-Row Spacing (in)	.118, .197
	Strain Relief	No
Configuration Features	Number of Positions	12
	Number of Rows	2
Electrical Characteristics	Nominal Voltage Architecture (V)	12
	Operating Voltage (VDC)	12
Body Features	Cable Exit Angle	180°
	Body Material	PBT
	Color	Black
Contact Features	Mating Tab Width	1 mm [.04 in]
Mechanical Attachment	Terminal Position Assurance	Yes
	Mounting Feature	No
	Polarized	Yes
Housing Features	Pitch	2.5 mm [.098 in]
Dimensions	Width	18.1 mm [.713 in]
	Height	18.9 mm [.744 in]

	Length	18.5 mm [.728 in]
Usage Conditions	Operating Temperature (Max) (°C)	70, 75, 80, 85, 90, 100, 105
	Operating Temperature (Max) (°F)	158, 167, 176, 185, 194, 212, 221
	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
Industry Standards	UL Flammability Rating	UL 94-HB
Packaging Features	Packaging Method	Package
	Packaging Quantity	100
Other	Connector Position Assurance Capable	No
	Serviceable	Yes
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>040 MULTILOCK PLUG 16P 174046-2</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS</p>  <p>040 MULTILOCK REC CONT L/P 175062-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS</p>  <p>040 MULTILOCK TAB CONT. L/P 175063-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>040 MLC PLUG HSG 8P BLACK 174044-2</p> <p>Save to List Find Similar Products</p>
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Products - 15 Results

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Compare 0/10 

Relation Type 

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

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

AMP I Multilock .040, Multilock Connector System

040 MULTILOCK REC CONT FORM - 173681-2

TE INTERNAL NUMBER: 173681-2

✓ Active

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Mating Tab Width **1 mm**

Terminal Transmits **0 – 24 A (Low Power)**

Sealed **No**

Wire Size Search **.3 mm², .35 mm², .38 mm², .4 mm², .5 mm², .6 mm²**

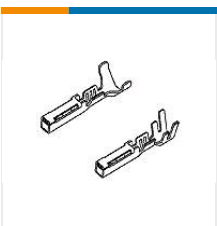


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

I Multilock .040, Multilock Connector System

0.040 MULTILOCK RCPT - 776181-1

TE INTERNAL NUMBER: 776181-1

✓ Active

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Mating Tab Width **1 mm**

Terminal Transmits **0 – 24 A (Low Power)**

Sealed **No**

Wire Size Search **.85 mm²**

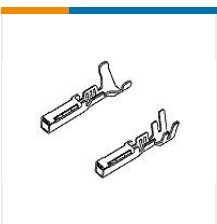


RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

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

AMP I Multilock .040, Multilock Connector System

040 MULTILOCK REC CONT L/P - 175062-1

TE INTERNAL NUMBER: 175062-1

✓ Active

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Mating Tab Width **1 mm**

Terminal Transmits **0 – 24 A (Low Power)**

Sealed **No**

Wire Size Search **.3 mm², .35 mm², .38 mm², .4 mm², .5 mm²**

