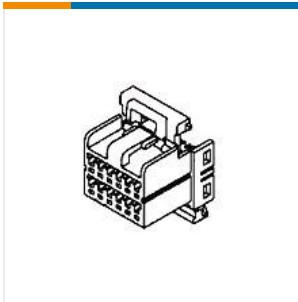




CONNECTOR HOUSINGS



Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)

040 MULTILOCK PLUG 16P

AMP | Multilock Connector System

174046-2

TE Internal Number: 174046-2

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

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

Number of Positions **16**

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

Sealed **No**

Product Drawings

[16 POS. PLUG HSG .040 SERIES MULTI-LOCK CONNECTOR](#)

PDF (TIFF AVAILABLE)
Japanese

[16 POS. PLUG HSG .040 SERIES MULTI-LOCK CONNECTOR](#)

PDF (TIFF AVAILABLE)
Japanese

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Product Specification

[.040 SERIES MULTI-LOCK CONNECTOR \(.040 ML I/O\)](#)

PDF
Japanese

[.040 Series Multi-Lock I/O Connector \(.040 ML I/O\)](#)

PDF
Japanese

Qualification Test Report

[.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](#)

TIFF

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	Connector Style	Housing for female terminals
	Sealed	No
	Hybrid Connector	No
	Primary Locking Feature	Integrated in Housing
	Connector System	Wire-to-Board/Device
	Row-to-Row Spacing (mm)	3, 5
	Row-to-Row Spacing (in)	.118, .197
	Strain Relief	No
Configuration Features	Number of Positions	16
	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	23.1 mm [.909 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 **Bag**

Packaging Quantity **100**




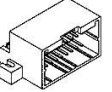
Other Connector Position Assurance Capable **No**

Serviceable **Yes**

Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS
			
040 MULTILOCK REC CONT L/P 175062-1	040 MULTILOCK PLUG 12P 174045-2	040 MULTILOCK TAB CONT. L/P 175063-1	040 MULTILOCK I/O CONN 16PASSY 174053-2
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 9 Results

[View All](#)

[Compare 0/10](#)


Relation Type ▼

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS	
	<p>Connectors - Automotive, Truck, Bus, & Off-Road Terminals AMPI Multilock .040, Multilock Connector System</p> <p>040 SERIES RECEPT.</p> <p>Always EU RoHS/ELV Compliant</p> <p>Terminal Style Receptacle/Socket</p> <p>Mating Tab Width 1 mm</p>



- 345160-1
TE INTERNAL NUMBER: 345160-1

✓ Active

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

Sealed **No**

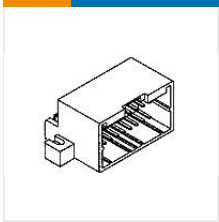
Wire Size Search **.2 mm², .22 mm², .25 mm², .3 mm², .35 mm², .38 mm², .4 mm², .5 mm²**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

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

AMP I Multilock .040, Multilock Connector System

040 MULTILOCK I/O CONN 16PASSY

- 174053-2

TE INTERNAL NUMBER: 174053-2

✓ Active

Always EU RoHS/ELV Compliant

Tab Width **1 mm**

Tab Thickness **.64 mm**

Pitch **2.5 mm**

Number of Circuits **16**

Sealed **No**

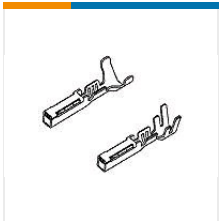


RELATIONSHIP

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**

