

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)

.040 MLC-2 CAP ASS'Y 20P (H)

AMP | Multilock .040 , Multilock Connector System

175975-2

TE Internal Number: 175975-2

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 **20**

Sealed **No**

Product Drawings

040 SERIES MULTI-LOCK I/O CONNECTOR MK-II 20POSITION CAP HOUSING ASSEMBLY

PDF
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 I/O Connector MK-II

PDF
Japanese

.040 SERIES MULTI LOCK I/O CONNECTOR (NON INERTIA TYPE)

PDF
English

.040 SERIES MULTI LOCK I/O CONNECTOR (NON INERTIA TYPE)

TIF
English

.040 SERIES MULTI LOCK I/O CONNECTOR (NON INERTIA TYPE)

TIF
Japanese

.040 SERIES MULTI LOCK I/O CONNECTOR (NON INERTIA TYPE)

PDF
Japanese

Qualification Test Report

.040 Multi-Lock Connector MK-II

PDF
English

[.040 Multi-Lock Connector \(Non Inertia Type\)](#)

PDF
English

[.040 Multi-Lock Connector \(Non Inertia Type\)](#)

TIF
English

Instruction Sheets

Customer Manual (non U.S.)

[.040 Series Multilock I/O Connector Mark II](#)

PDF
Japanese

[.040 Series Multilock I/O Connector Mark II](#)

TIF
Japanese

[.040 Series, Multilock I/O Connector, Mark II](#)

PDF
Japanese

[.040 Series, Multilock I/O Connector, Mark II](#)

TIF
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	20
	Number of Rows	2
	Number of Sections	1
	Number of Signal Positions	20

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

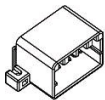
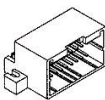


Body Features	Color	Black
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Contact Features	Tab Width	1 mm [.039 in]
	Tab Thickness	.64 mm [.025 in]
	Circuit Application	Signal
	Interface Plating	Tin (Sn)

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]
Dimensions	Profile Height from PCB	16.9 mm [.665 in]
	Width	40 mm [1.575 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	22.5 mm [.886 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	80
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS</p>  <p>.040 MLC-2 CAP ASS'Y 12P (H) 175974-2</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>040 MULTILOCK I/O CONN 12PASSY 174051-2</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>UNV, PWR, MDL, HDR, SEQ 5223963-1</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>MQS BU-GEH 8P, WASBL 9-965382-2</p>
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Products - 2 Results

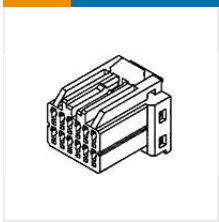
View All Compare 0/10

Relation Type ▼

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 II PLUG HSG ASSY 20P - 175967-2
 TE INTERNAL NUMBER: 175967-2

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm**

Number of Positions **20**

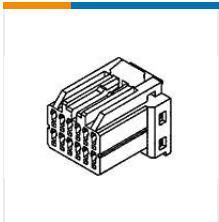
Pitch **2.5 mm**

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
040 MLC 20POS PLUG HSG ASSY - 175967-3
 TE INTERNAL NUMBER: 175967-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm**

Number of Positions **20**

Pitch **2.5 mm**

Sealed **No**