

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE)
040 MLC CAP ASS'Y V 36P
AMP | Multilock .040 , Multilock Connector System

175977-2
TE Internal Number: 175977-2

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 **36**

Sealed **No**

Product Drawings

[36Pos. CAP HOUSING ASS'Y .040 SERIES MULTI-LOCK I/O CONN. MK-II](#)
PDF (TIFF AVAILABLE)
Japanese

[36Pos. CAP HOUSING ASS'Y .040 SERIES MULTI-LOCK I/O CONN. MK-II](#)
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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

Qualification Test Report [.040 Multi-Lock Connector MK-II](#)
PDF
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

.040 Series Multilock I/O Connector Mark II

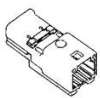
Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Sealed	No
	Hybrid Header	No
	Shielded	No
Configuration Features	Number of Circuits	36
	Number of Rows	2
	Number of Sections	2
	Number of Signal Positions	36
Electrical Characteristics	Nominal Voltage Architecture (V)	12
	Operating Voltage (VDC)	12
	Voltage Rating (Max) (VDC)	12
Body Features	Color	Black
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
Mechanical Attachment	Mounting Orientation	Vertical/180°
	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	20.7 mm [.815 in]
	Width	61 mm [2.402 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	16.9 mm [.665 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	100
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT


AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS



025 IDC 8POS CAP ASSY W TO W
1473793-1

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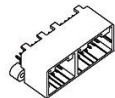
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AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS



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174979-2

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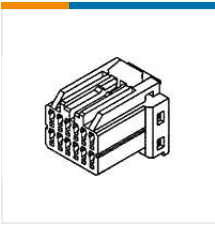
Relation Type ▼

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**

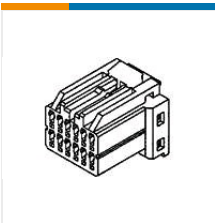


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Automotive, Truck, Bus, & Off-Road Housings
AMP I Multilock .040, Multilock Connector System

**040 MLC II PLUG HSG
ASSY 16P - 175966-2**

TE INTERNAL NUMBER: 175966-2

✓ 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**

