

Active

PRODUCT DRAWING
Japanese

3D PDF

TE CONNECTIVITY (TE) HYBRID I/O CAP ASSY 54P

AMP | Multilock Connector System

175448-6
TE Internal Number: 175448-6

Always EU RoHS/ELV Compliant

Tab Width (mm) **1, 1.8**

Tab Width (in) **.039, .071**

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

Pitch (mm) **3, 3.5**

Pitch (in) **.118, .138**

Number of Circuits **54**

Sealed **No**

Product Drawings

[040/070 SERIES HYBRID CONNECTOR 54POSITION CAP HOUSING ASSEMBLY](#)

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CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

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English

Product Specifications

Product Specification

[.040/.070 Hybrid I/O Conn. For Printed Circuit Board](#)

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[.040II/.070II Hybrid I/O Connector MK-II For Wire-To-Board Termination](#)

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[.040II/.070II Hybrid I/O Connector MK-II For Wire-To-Board Termination](#)

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[040II/070II Hybrid I/O Connector MK-II For Wire-TO-Board Termination](#)

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Application Specification

[MULTILOCK 040/070 And 070/250 Series Hybrid Connectors](#)

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English

Instruction Sheets

[Customer Manual \(see ICS\)](#)

[HYBRID I/O CONNECTOR](#)



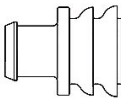
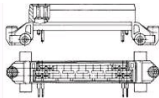
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English**.040/.070 HYBRID I/O MK-II CONNECTOR**PDF
Japanese

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	Yes
	Shielded	No
Configuration Features	Number of Circuits	54
	Number of Rows	2
	Number of Sections	3
	Number of Signal Positions	54
Electrical Characteristics	Nominal Voltage Architecture (V)	12
	Operating Voltage (VDC)	12
	Voltage Rating (Max) (VDC)	12
Body Features	Color	Gray
Contact Features	Tab Width (mm)	1, 1.8
	Tab Width (in)	.039, .071
	Tab Thickness	.64 mm [.025 in]
	Circuit Application	Signal
	Interface Plating	Gold (Au), Tin (Sn)
Termination Features	Termination Method	Through Hole - Solder
Mechanical Attachment	Mounting Orientation	Horizontal/90°
	PCB Mount Retention Type	Mounting Holes

	PCB Mount Retention	With
	Panel Mount Retention	Without
	Mounting Holes	With
	PCB Mount Alignment	Without
	Locking Interface	With
<hr/>		
Housing Features	Pitch (mm)	3, 3.5
	Pitch (in)	.118, .138
<hr/>		
Dimensions	Profile Height from PCB	21.9 mm [.862 in]
	Width	95.8 mm [3.772 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	25.8 mm [1.016 in]
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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]
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Industry Standards	Degree of Protection	other
	UL Flammability Rating	UL 94-HB
<hr/>		
Packaging Features	Packaging Type	Tube
	Packaging Quantity	5
<hr/>		
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>HYBRID PLUG HSG 12P GRAY 175442-6</p>	<p>FAST-ACTING CHIP FUSES</p>  <p>0603SFF050F/32-2 0603SFF050F/32-2</p> <p>Save to List</p>	<p>AUTOMOTIVE SEALS & CAVITY PLUGS</p>  <p>SINGLE WIRE SEAL 281934-4</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS</p>  <p>25 POS TAB HSG 827050-1</p>
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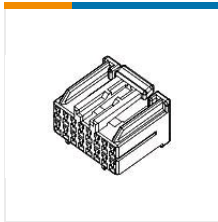
Relation Type

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

HYBRID MK-2 PLUG HSG ASSY 26P - 917992-1

TE INTERNAL NUMBER: 917992-1

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Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm, 1.8 mm**

Number of Positions **26**

Pitch **3 mm, 3.5 mm**

Sealed **No**

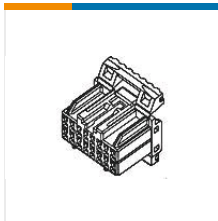


RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

AMP I TH/.025 Connector System

040/070 HYBRID PLUG 16P - 174514-1

TE INTERNAL NUMBER: 174514-1

Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm, 1.8 mm**

Number of Positions **16**

Pitch **3 mm**

Sealed **No**

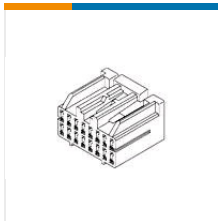


RELATIONSHIP

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

HYBRID MK-2 PLUG HSG ASSY 16P - 917981-1

TE INTERNAL NUMBER: 917981-1

Active

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1 mm**

Number of Positions **16**

Pitch **3 mm**



Sealed No