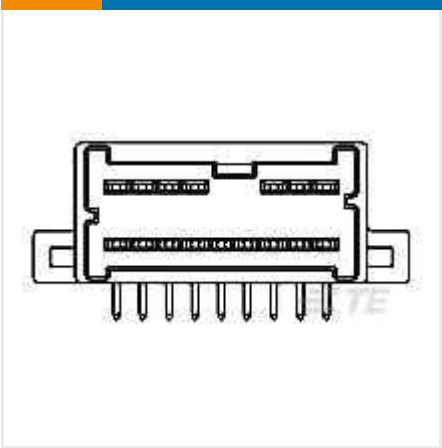




+ CONNECTORS

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS



✓ Active

TE CONNECTIVITY (TE)
040 MLC 24P CAP ASSY W-T-B

Multilock .040 , Multilock Connector System

1123431-1
TE Internal Number: 1123431-1

EU RoHS Compliant
EU ELV Compliant

Number of Positions 24

Centerline (Pitch) 2.5 mm [.098 in]

Sealable No

Mounting Orientation Horizontal/90°

Number of Rows 2

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

040III MULTILOCK CONNECTOR 24POS CAP HOUSING ASSEMBLY WIRE TO BOARD (H) TYPE

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

English

Product Specifications

Product Specification

040III Series Multilock I/O Connector (MLC)

TIF

English

040III Series Multilock I/O Connector (MLC)

PDF

English

040III Series Multilock I/O Connector (MLC)

PDF

English

040III Series Multilock I/O Connector (MLC)

TIF

English

FEATURES



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

- Sealable No
- Connector & Contact Terminates To Printed Circuit Board
- Shielded No
- Hybrid Header No

Configuration Features

- Number of Positions 24
- Number of Rows 2
- Number of Sections 1
- Number of Signal Positions 24

Electrical Characteristics

- Nominal Voltage Architecture (V) 12
- Operating Voltage (VDC) 12
- Voltage Rating (Max) (VDC) 12

Body Features

- Color Natural

Contact Features

Tab Width 1 mm [.039 in]
Tab Thickness .64 mm [.025 in]
Interface Plating Tin (Sn)

Termination Features

Termination Method Through Hole - Solder

Mechanical Attachment

Panel Mount Retention Without
PCB Mount Alignment Without
Mounting Orientation Horizontal/90°
Mounting Holes With
Locking Interface With
PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]

Dimensions

Width 45.8 mm [1.803 in]
Profile Height from PCB 13.4 mm [.528 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 21.52 mm [.847 in]

Usage Conditions

Operating Temperature Range -40 – 105 °C [-40 – 221 °F]
Operating Temperature (Max) (°C) 100, 105, 65, 70, 75, 80, 85, 90
Operating Temperature (Max) (°F) 149, 158, 167, 176, 185, 194, 212, 221

Operation/Application

Circuit Application Signal

Industry Standards

Degree of Protection Other
UL Flammability Rating UL 94-HB

Packaging Features

Packaging Quantity 70
Packaging Type Tray

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF

