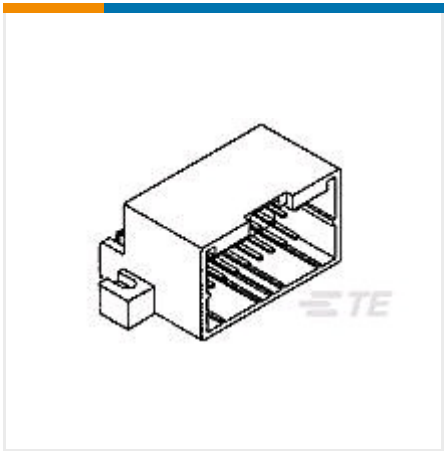




+ CONNECTORS

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS



✓ Active

TE CONNECTIVITY (TE)  
040 MLC 20POS CAP ASSY H SELECTIVE-TIN

Multilock .040 , Multilock Connector System

174055-3  
TE Internal Number: 174055-3

EU RoHS Compliant  
EU ELV Compliant

Number of Positions 20

Centerline (Pitch) 2.5 mm [ .098 in ]

Sealable No

Mounting Orientation Horizontal/90°

Number of Rows 2

↓ **PRODUCT DRAWING**  
Japanese

↓ **3D PDF**

DOCUMENTATION

Product Drawings

**040 SERIES MULTI-LOCK I/O CONN. 20POSITION CAP ASSY (HORIZONTAL TYPE)**

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 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

English

Instruction Sheets

Instruction Sheet (non U.S.)

040 SERIES MULTI-LOCK CONNECTOR

PDF

English

040 SERIES MULTI-LOCK CONNECTOR

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 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

Contact Features

**Interface Plating** Tin (Sn)

Termination Features

**Termination Method** Through Hole - Solder

Mechanical Attachment

**Panel Mount Feature** 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** 21.1 mm [ .831 in ]  
**Profile Height from PCB** 16.75 mm [ .659 in ]  
**PCB Thickness (Recommended)** 1.6 mm [ .063 in ]  
**Length** 40 mm [ 1.575 in ]

Usage Conditions

**Operating Temperature Range** -30 – 105 °C [ -22 – 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

Industry Standards

**Degree of Protection** Other  
**UL Flammability Rating** UL 94-HB

Packaging Features

**Packaging Type** Tube

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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