



CONNECTORS

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HEADERS



✓ Active

TE CONNECTIVITY (TE)

025 CAP ASSY

TH/.025 Connector System

1565749-1

TE Internal Number: 1565749-1

EU RoHS Compliant

EU ELV Compliant

Tab Width .64 mm [.025 in]

Tab Thickness .64 mm [.025 in]

Centerline (Pitch) (in) .087

Pitch (mm) 2.2

Circuit Application Signal

[↓ PRODUCT DRAWING](#)
Japanese

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

025 4P CAP HOUSING ASSY

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

025 Series Connector 1Row

PDF

English

025 Series Connector 1Row

PDF

English

Application Specification

Crimping Of 025 Receptacle Contact

TIF

Japanese

Crimping Of 025 Receptacle Contact

PDF

Japanese

Qualification Test Report

025 Series Connector 1Row

PDF

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

.025 SERIES I/O CONNECTORS (H-Type 1Row 8Position)

TIF

Japanese

.025 SERIES I/O CONNECTORS (H-Type 1Row 8Position)

PDF

Japanese

.025 SERIES I/O CONNECTORS (H-Type 1Row 8Position)

TIF

Japanese

.025 SERIES I/O CONNECTORS (H-Type 1Row 8Position)

PDF

Japanese

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

Sealed No
Hybrid Header No
Shielded No

Configuration Features

Number of Circuits 4
Number of Rows 1
Number of Sections 1
Number of Signal Positions 4

Electrical Characteristics

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

Body Features

Color Natural

Contact Features

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

Termination Features

Termination Method Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch) (in) .087
Pitch (mm) 2.2

Dimensions

Profile Height from PCB 12.5 mm [.492 in]
Width 14 mm [.551 in]
PCB Thickness (Recommended) 1.2 – 1.6 mm [.048 – .062 in]
Length 21.97 mm [.865 in]

Usage Conditions

Operating Temperature (Max) (°C) 65, 70, 75, 80, 85, 90, 100
Operating Temperature (Max) (°F) 149, 158, 167, 176, 185, 194, 212
Operating Temperature Range -30 – 100 °C [-22 – 212 °F]

Operation/Application

Circuit Application Signal

Industry Standards

UL Flammability Rating UL 94-HB

Degree of Protection other

Packaging Features

Packaging Type Tube

Packaging Quantity 30

Statement of Compliance

Statement of Compliance

PDF