



+ CONNECTORS

CONNECTOR HOUSINGS



✓ Active

TE CONNECTIVITY (TE)

# 64 POS. FEMALE CONN. F.ENGINE

AMP | MQS

1-284272-5

TE Internal Number: 1-284272-5

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board, Wire-to-Device, Wire-to-Wire

Connector Style Housing for female terminals

Mating Tab Width .64 mm [ .025 in ]

Sealable Yes

Centerline (Pitch) (in) .098

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

## DOCUMENTATION

Product Drawings

### 64 POSITIONS FEMALE CONNECTOR

PDF

English

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

64+64 POS. MQS HEADER AND REC. CONN. PRODUCT SPECIFICATION

PDF

English

64+64 POS. MQS HEADER AND REC. CONN. PRODUCT SPECIFICATION

TIF

English

Instruction Sheets

Instruction Sheet (non U.S.)

64 Pos. Female Conns. For Engine Management

TIF

English

64 Pos. Female Conns. For Engine Management

PDF

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

**Connector System** Wire-to-Board, Wire-to-Device, Wire-to-Wire

**Connector Style** Housing for female terminals

**Sealable** Yes

**Hybrid Connector** No

**Terminates To** Wire & Cable

**Primary Locking Feature** Integrated in Housing

**Strain Relief** No

**Row-to-Row Spacing** 6 mm [ .236 in ]

Configuration Features

**Number of Positions** 64

**Number of Rows** 4

Electrical Characteristics

**Nominal Voltage Architecture (V)** 12, 24

**Operating Voltage (VDC)** 24

Body Features

**Color**   Black  
**Cable Exit Angle**   90°  
**Body Material**   PA GF

Contact Features

**Mating Tab Width**   .64 mm [ .025 in ]

Mechanical Attachment

**Mounting Feature**   No  
**Terminal Position Assurance**   Yes  
**Polarized**   No

Housing Features

**Centerline (Pitch) (in)**   .098  
**Pitch (mm)**   2.5

Dimensions

**Width**   38.5 mm [ 1.516 in ]  
**Height**   68 mm [ 2.677 in ]  
**Length**   88.8 mm [ 3.496 in ]

Usage Conditions

**Operating Temperature Range**   -40 – 125 °C [ -40 – 257 °F ]  
**Operating Temperature (Max) (°C)**   70, 75, 80, 85, 90, 100, 105, 110, 120, 125  
**Operating Temperature (Max) (°F)**   158, 167, 176, 185, 194, 212, 221, 230, 248, 257

Operation/Application

**Circuit Application**   Signal

Industry Standards

**Degree of Protection**   Other

Packaging Features

**Packaging Method**   Box

Other

**Connector Position Assurance Capable**   No  
**Serviceable**   Yes

Statement of Compliance

**Statement of Compliance**  
PDF