



+ CONNECTORS

HOUSINGS



✓ Active

TE CONNECTIVITY (TE)

GRACE INERTIA CONN 2.5 PLUG HSG 3P BLUE

Grace Inertia | Grace Inertia

2-1747066-3

TE Internal Number: 2-1747066-3

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Wire

Number of Positions 3

Centerline (Pitch) 2.5 mm [.098 in]

Termination Method to Wire/Cable Crimp

Number of Rows 1

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

GRACE INERTIA CONNECTOR 2.5 PLUG HSG

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

Product Specifications

Application Specification

CRIMPING GRACE INERTIA CONNECTOR 2.0 AND 2.5

PDF

Japanese

Product Specification

GRACE INERTIA CONNECTOR 2.5 TIN PLATING TYPE

PDF

Japanese

GRACE INERTIA CONNECTOR 2.5

TIF

Japanese

GRACE INERTIA CONNECTOR 2.5

PDF

Japanese

Qualification Test Report

Qualification Test Report GIC 2.5 Connector Tin Plating Type

PDF

Japanese

Grace Inertia Connector 2.5

PDF

Japanese

Grace Inertia Connector 2.5

TIF

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

Connector System Wire-to-Wire

Sealable No

Connector & Contact Terminates To Wire & Cable

Glow Wire Rating Standard Part - Not Glow Wire

Strain Relief Without

Connector Type Housing

Product Type Connector

Connector Style Plug

Configuration Features

Number of Positions 3

Number of Rows 1

Electrical Characteristics

Operating Voltage 50 VAC, 50 VDC

Body Features

Color Blue

Contact Features

Contact Base Material Copper Alloy

Contact Layout Inline

Contact Type Pin

Termination Features

Termination Method to Wire/Cable Crimp

Mechanical Attachment

Mating Connector Lock Type Latch

Panel Mount Feature Without

Mating Connector Lock With

Mating Retention With

Mating Retention Type Latch

Mating Alignment With

Lock Type Latch

Mating Alignment Type Polarization

PCB Mount Retention Without

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]

Housing Configuration Both Ends Opened

Housing Material Nylon 6/6 GF

Housing Color Blue

Dimensions

Length 9.6 mm [.37728 in]

Height 7.35 mm [.288855 in]

Usage Conditions

Operating Temperature Range -30 – 105 °C [-22 – 221 °F]

Operation/Application

For Use With Header Assembly :x-1871843-3 , x-1747067-3

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag

Packaging Quantity 800

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
