



+ CONNECTORS
HOUSINGS



✓ Active

TE CONNECTIVITY (TE)
GRACE INERTIA CONN 2.5 PLUG HSG 8P NATUR

[Grace Inertia](#) | [Grace Inertia](#)

1747066-8
TE Internal Number: 1747066-8

[EU RoHS Compliant](#)
[EU ELV Compliant](#)
Connector System Wire-to-Wire

Number of Positions 8

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 Repot 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 8
Number of Rows 1

Electrical Characteristics

Operating Voltage 50 VAC, 50 VDC

Body Features

Color Natural

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 Natural

Dimensions

Length 22.1 mm [.86853 in]
Height 8.15 mm [.320295 in]

Usage Conditions

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

Operation/Application

For Use With Header Assembly :x-1871843-8 , x-1747067-8

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Bag

Packaging Quantity 300

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF