

RECTANGULAR POWER CONNECTORS















PRODUCT DRAWING



♣ 3D PDF

Grace Inertia | Grace Inertia 1747052-1

TE Internal Number: 1747052-1

2POS HEADER

TE CONNECTIVITY (TE)

Always EU RoHS/ELV Compliant

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating (A) 10

Product Drawings

GRACE INERTIA CONNECTOR 7.92MM PITCH HEADER ASSEMBLY 2P

GRACE INERTIA CONNECTOR 7.92

PDF (TIFF AVAILABLE)

Japanese

GRACE INERTIA CONNECTOR 7.92MM PITCH HEADER ASSEMBLY 2P

PDF (TIFF AVAILABLE)

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

Application Specification

Product Specification GRACE INERTIA CONNECTOR 6.5/7.92MM PITCH

Japanese

GRACE INERTIA CONNECTOR 6.5/7.92MM PITCH

5.0 POWER KEY CONNECTOR

PDF

Japanese

5.0 POWER KEY CONNECTOR

Japanese

Product Environmental Compliance

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	Product Type	Header
	Housing Type	Plug
	Contact Type	Tab
Configuration Features	Number of Positions	2
	Centerline	7.92 mm [.312 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	1
	Contact Layout	Inline
	Keying	Α
Electrical Characteristics	Contact Current Rating (A)	10
	Operating Voltage (VAC)	300
	Operating Voltage (VDC)	300
Contact Features	Contact Retention	Without
	Contact Termination Area Plating Material	Tin
	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	1 μm [39.37 μin]
	Contact Base Material	Copper Alloy
	Tab Width	1.5 mm [.059 in]
	Underplate Material Thickness	.8 – 3 μm [31.496 – 118.11 μin]
	Contact Termination Area Plating Thickness	.8 μm [31.496 μin]
	Underplate Material	Nickel
Termination Features	Wire/Cable Size (AWG)	24 – 16
	Wire/Cable Size (mm²)	4.016 – 25.67
	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	4.4 mm [.173 in]

Mating Alignment

With

Mechanical Attachment

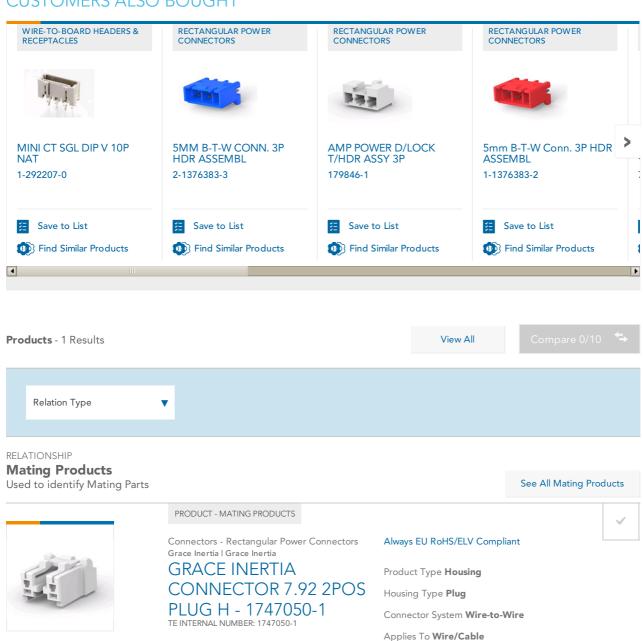
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Kinked
	Mating Alignment Type	Keyed
	PCB Mount Alignment	Without
	Mating Retention Type	Latch
	Panel Mount Retention	Without
	Strain Relief	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon
Dimensions	Height	14.5 mm [.57 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	14.97 mm [.589 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-30 – 105 °C [-22 – 221 °F]
	Circuit Application	Power
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	Packaging Method	Bag
	Packaging Quantity	250
Other	Backwall/Post Interruptions	Without
	For Use With	Plug Housing
Product Compliance	Statement of Compliance	

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

✓ Active



Number of Positions 2