



BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

40 BMATE RCPT ASSY, PB FREE

CHAMP | CHAMP .050 Blindmate

787317-4

TE Internal Number: 787317-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm [.05 in]**

Number of Positions **40**

Packaging Method **Tube**

Contact Mating Area Plating Material **Gold**

Product Drawings

[RECEPTACLE ASSEMBLY, VERTICAL, CHAMP BLINDMATE .050 SERIES I](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
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[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Product Specifications

Product Specification

[Connector, CHAMP, Blindmate, .050 Series I](#)

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Application Specification

[CHAMP .050 Series I Blindmate Plug And Receptacle Single Connector Attachments \(SCA\)-2](#)

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Qualification Test Report

[Connector, CHAMP*, Blindmate, .050 Series I](#)

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[Connector, CHAMP*, Blindmate, .050 Series I](#)

TIF
English

Product Environmental Compliance

TE Material Declaration

[MD_787317-4_0725201259](#)

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Instruction Sheets

Seating Tool Assemblies 1320142-[] And 356198-[] For CHAMP .050 Series I Blindmate Press-Fit Connectors With Compliant Pin Contacts

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Adapter Kits For GREENERD Manual Frame Assemblies 3A And 3B

PDF
English

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 Style	Receptacle
	PCB Mounting Orientation	Vertical
	Sealed Bottom	Without
	Applies To	Printed Circuit Board
	Product Type	Connector
	Profile	Standard
	Boss	With
	Series	Blindmate, Series I

Configuration Features	Number of Positions	40
	Number of Rows	2
	Stackable	No

Electrical Characteristics	Voltage (VAC)	30
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Body Features	Retention Leg Material	Brass
	Retention Leg Plating Material	Tin over Nickel
	Color	Black

Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	30
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze

Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	3.18 mm [.125 in]

Mechanical Attachment	Mating Alignment Type	Polarization
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	PCB Mount Alignment	With
	PCB Mount Alignment Type	Post Polarization
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Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Black
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Dimensions	Height	11.5 mm [.45 in]
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Usage Conditions	Housing Material Temperature	High
	Operating Temperature Range (°C)	-55 – 105
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Operation/Application	For Use With	Mates with Headers
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tube
	Packaging Quantity	50
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Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	