



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

MINI BX RCPT ASSY 100P SEALED

AMP

2-530745-0

TE Internal Number: 2-530745-0

Mil-Spec: M55302/119-09

[Always ELV Compliant](#)

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

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

Number of Positions **100**

Packaging Method **Package**

Contact Mating Area Plating Material **Gold**

Product Drawings

RECEPTACLE ASSY, MINI BOX MILITARY, WITH LOW FORCE CONTACTS

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_GS.ZIP
English

Customer View Model

3D_STP.ZIP
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
Row-to-Row Spacing	3.81 mm [.15 in]
Gasket	Without
Applies To	Printed Circuit Board
Product Type	Connector
Boss	Without
Sealed	Yes

	Hybrid	No
	Connector Type	Connector Assembly
	Strain Relief	Without
	Stabilizers	Without
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Configuration Features	Number of Positions	100
	Number of Rows	2
	Stackable	No
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Body Features	Post Size	.20 x .46 mm [.008 x .018 in]
	Post Styles	Posted
	Sealing Method	Epoxy
	Color	Gray
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	50
	Contact Type	Socket
	Contact Protection	Without
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Layout	Staggered
	Contact Base Material	Beryllium Copper
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Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length (mm)	3.56, 4.83
	Termination Post Length (in)	.19
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Mechanical Attachment	Mating Alignment Type	Polarization
	PCB Mount Retention	Without
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Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	LCP (Liquid Crystal Polymer)
	Housing Color	Gray
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Dimensions	Tail Length	3.93 mm [.155 in]
	Height	5.46 mm [.215 in]
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Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	None
	For Use With	Mates with Headers
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Industry Standards	Industry Standard Configuration	None
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Packaging Features	Packaging Method	Package
	Packaging Quantity	3
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Other	Comment	Also see 530745-9 unsealed version.
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Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	