

MINI BX RCPT ASSY 100P SEALED ✓ ACTIVE

AMP

TE Part # 2-530745-0

TE Internal #: 2-530745-0

Mil-Spec: [M55302/119-09]

[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

Number of Positions: **100**

Centerline (Pitch): **1.27 mm [.05 in]**

Row-to-Row Spacing: **3.81 mm [.15 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	100

Body Features

Post Size	.20 x .46 mm [.008 x .018 in]
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Contact Features

Contact Layout	Staggered
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material	Gold
	50 μ m
Contact Type	Socket

Termination Features

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Termination Post & Tail Length	3.56 mm, 4.83 mm[.14 in][.19 in]
Termination Method to Printed Circuit Board	Through Hole
Termination Post Length	3.56 mm, 4.83 mm[.19 in]

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarized
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Gray
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Connector Height	5.46 mm[.215 in]
Row-to-Row Spacing	3.81 mm[.15 in]
Tail Length	3.93 mm[.155 in]

Operation/Application

Assembly Process Feature	None
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Packaging Features

Packaging Quantity	3
Packaging Method	Package

Other

Comment	Also see 530745-9 unsealed version.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Yet Reviewed for halogen content

Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

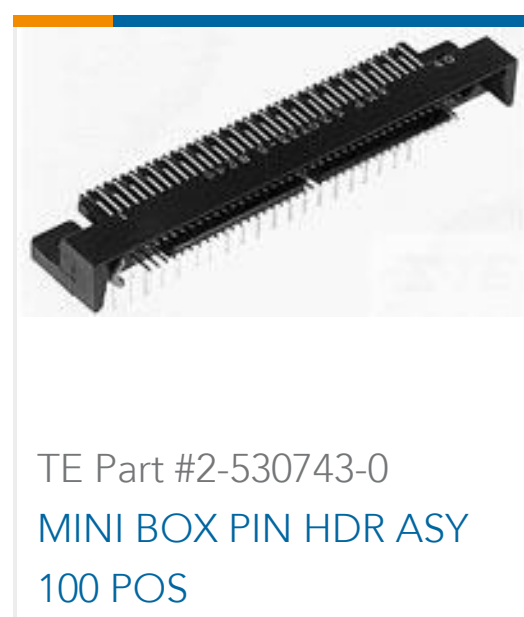
Customers Also Bought



TE Part #4-2213767-3
 AV19 DPM 5A MOVE
 RING LED WHITE 24V



TE Part #5-2213767-1
 AV19 DPM 5A MOVE
 RING LED YELLOW 24V



TE Part #2-530743-0
 MINI BOX PIN HDR ASY
 100 POS



TE Part #1-530745-3
 MINI-BOX RCPT ASSY 30P
 SEALED



TE Part #531116-1
 BOX EXT PLASTIC KEY M.
 S.



TE Part #1-87527-2
 12 MODII HDR SRST
 UNSHRD .100



TE Part #2-530744-0
 MINI BX PIN ASSY 100 POS



TE Part #2221860-5
 AMPLIMITE IP67,SZ5, 90,
 78 POS,IFS,PLUG



TE Part #4-2106003-2
 Connector, SMT-IDC, 2
 pos, 18AWG, black



TE Part #1-1617004-5
 B07D111BC4-0202 =
 MS27247-2

Documents

[Product Drawings](#)

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MINI BX RCPT ASSY 100P SEALED

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-530745-0_AC.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-530745-0_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-530745-0_AC.3d_stp.zip](#)

English

Datasheets & Catalog Pages

Products for Aerospace and Defense

English