

2 ROW BOX RECP 120 POS 100 C/L

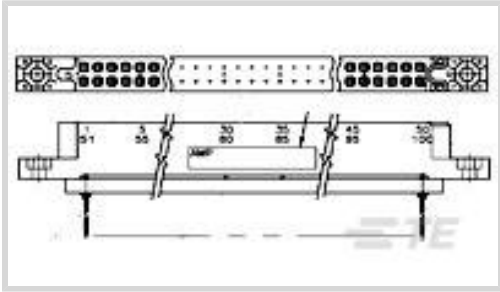
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AMP

TE Part # 1-530780-0  
TE Internal #: 1-530780-0  
Mil-Spec: [M55302/27-218]  
[View on TE.com >](#)



Connectors > PCB Connectors > Multiple Configuration PCB Connectors > Multiple Config PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**  
PCB Mount Orientation: **Vertical**  
Number of Positions: **120**  
Centerline (Pitch): **2.54 mm [ .1 in ]**  
Sealable: **No**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	120
Number of Rows	2

Body Features

Post Size	.64 mm[.025 in]
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Contact Features

	50 μin
Contact Mating Area Plating Material	Gold
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Beryllium Copper
Contact Type	Socket

Termination Features

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Terminations per Post	2 High
Termination Post & Tail Length	14.35 mm[.565 in]
Termination Method to Wire & Cable	Wrap-Type
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without

Housing Features

Housing Material	Diallyl Phthalate
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Blue

Dimensions

PCB Thickness (Recommended)	1.5 – 2.63 mm[.059 – .103 in]
	.1 in

Packaging Features

Packaging Quantity	4
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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

<p>TE Part #042871-000 DK-621-0440-4P</p>	<p>TE Part #366661-000 202A142-25/86-0</p>	<p>TE Part #241251-000 DK-621-0440-4S</p>	<p>TE Part #465911-000 82A0111-26-9</p>
<p>TE Part #819097-000 381A302-51-0</p>	<p>TE Part #916479-000 202A153-25/86-0</p>	<p>TE Part #565533-000 202A163-25/86-0</p>	<p>TE Part #879367-000 382A046-25/86-0</p>
<p>TE Part #867622-2 6 POS PLUG ASY W/FLY LEADS</p>	<p>TE Part #DTS21Y09-98PA HERM RECP</p>		

Documents

Product Drawings  
2 ROW BOX RECP 120 POS 100 C/L

English

CAD Files



3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-530780-0\\_H\\_c-1-530780-0-h.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-530780-0\\_H\\_c-1-530780-0-h.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-530780-0\\_H\\_c-1-530780-0-h.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

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Product Specifications

[Application Specification](#)

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