

# 2 ROW BOX RECP 50 POS STAG

✓ ACTIVE

AMP

TE Part # 530776-3

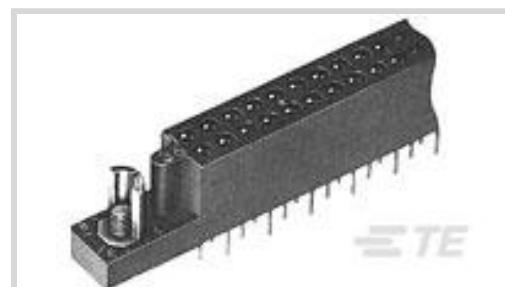
TE Internal #: 530776-3

Mil-Spec: [M55302/27-111]

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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: **50**

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	50
Number of Rows	2

### Body Features

Post Size	.25 x .51 mm [.01 x .02 in]
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### Contact Features

	50 $\mu$ in
Contact Layout	Staggered
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

Termination Post & Tail Length	8.26 mm[.325 in]
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Termination Method to Printed Circuit Board	Through Hole
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#### 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

	.1 in
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#### Packaging Features

Packaging Quantity	1
Packaging Method	Package

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 #9-1617515-1  
 3SBH1195A2=M39016/53-006L



TE Part #1617118-7  
 J1MAC-26XPS = M39016/7-036P



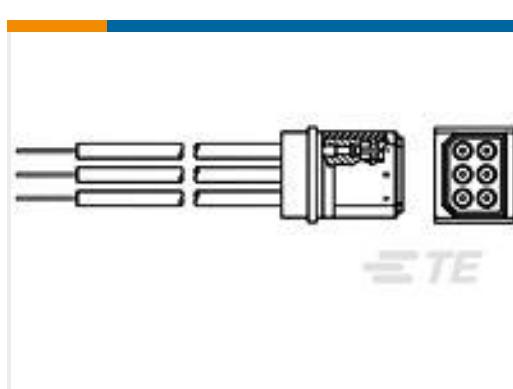
TE Part #2-1617073-4  
 3SBC2023A2 = M39016/13-078P



TE Part #4-1472973-2  
 7012OBLY1=RLY,STD,ON, 2P,24VDC,5SEC,OPT L



TE Part #865656-2  
 7 PIN MIN PLUG KIT



TE Part #867471-1  
 LGH RECPT W/FLY LEADS 6 PIN



TE Part #1-1616058-6  
 A703GC=RELAY



TE Part #5-1415006-1  
 PT380220



TE Part #2-1676731-6  
 RN 0805 24K3 0.1% 5PPM 1K RL



TE Part #C76413-000  
 TXR40SJ90-1410BI

## Documents

### Product Drawings

#### 2 ROW BOX RECP 50 POS STAG

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_530776-3\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_530776-3\\_D.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_530776-3\\_D.2d\\_dxf.zip](#)

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**Datasheets & Catalog Pages**

[Products for Aerospace and Defense](#)

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**Product Specifications**

[Application Specification](#)

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