# 2005820-1 ✔ ACTIVE

TE Internal #: 2005820-1

3 Circuits, PBT GF, 20 – 16 AWG Wire Size, .5 – 1.42 mm² Wire Size, -40 – 105 °C [-40 – 221 °F], Cluster Blocks

View on TE.com >

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Cluster Blocks







Number of Circuits: **3**

Primary Product Material: **PBT GF**

Wire Size: **.5 – 1.42 mm²**

Operating Temperature Range: **-40 – 105 °C [ -40 – 221 °F ]**

## Features

### Product Type Features

| | |
|---|---|
| Compatible With Discrete Wire Type | Lead Wire |

### Configuration Features

| | |
|---|---|
| Number of Circuits | 3 |

### Body Features

| | |
|---|---|
| Primary Product Color | Gray |
| Primary Product Material | PBT GF |

### Contact Features

| | |
|---|---|
| Mating Pin Diameter | 2.29 mm[.09 in] |

### Dimensions

| | |
|---|---|
| Product Length | 31.4 mm[1.23 in] |
| Wire Size | .5 – 1.42 mm² |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 300 |
| Packaging Method | Bag |

## 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: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts



TE Part # 170063-2
CLUSTER PIN REC



TE Part # 5-170063-2
CLUSTER REC



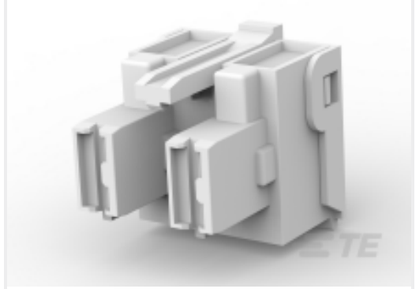
TE Part # 171370-4
CLUSTER BLOCK HSG GWT



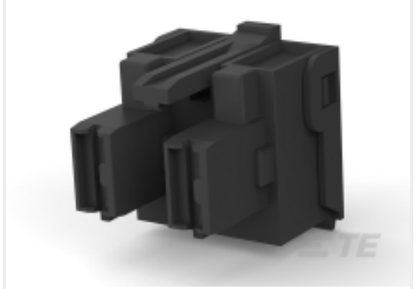
TE Part # 5-170063-3
CLUSTER BLOCK REC W/BACK UP

## Customers Also Bought

3 Circuits, PBT GF, 20 – 16 AWG Wire Size, .5 – 1.42 mm² Wire Size, -40 – 105 °C [-40 – 221 °F], Cluster Blocks



TE Part #1743206-1
POSITIVE LOCK 250 RECEPTACLE



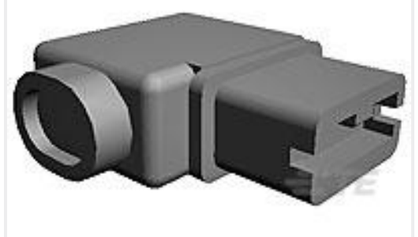
TE Part #1743206-2
POSITIVE LOCK 250 RECEPTACLE



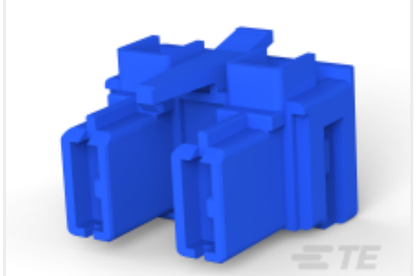
TE Part #2005542-1
BLOWER MOTOR 3P PLUG



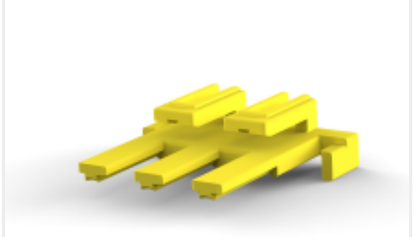
TE Part #1-1565081-1
GIC 3.5W 2P PLUG(GWT) NAT



TE Part #1-176497-7
PL EX SLEEVE 250 FLAG RED 6/6 NYLON



TE Part #1743165-8
250 HSG. PL EX FLAG REC. 12mm 2P BLUE



TE Part #2005543-5
BLOWER MOTOR 3P DBL YEL



TE Part #2005877-2
WIRE SEAL FOR MINI MTDL



TE Part #3-2005820-9
CLUSTER BLOCK 3P SLIM HSG(GWT)



TE Part #936663-1
PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2005820-1_F.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2005820-1_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2005820-1_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

### Product Specifications

## Application Specification

English

## Agency Approvals

### UL Report

English

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## TE Connectivity:

CPF0402B37K4E1 MPT100C18RF SBCHE154R7K SBCHE64R7K 1-794222-0 141991-2 1743455-2
1903112-2 3-1393225-0 3631B101LL 650075-000 175977-2 2005330-1 917696-1 RH73H2A40MKTN
ROX05SJ18R U5254-000005-030PA 1-962915-1 2377783-2 936348-1 1393431-1 2834055-1 2-292161-3
CRGCQ2010J3K3 1969656-1 2310537-1 3430B2F51RTDF SMW73R0JT TE50BR39J 2380312-2