354309-E

DO NOT USE FOR NEW DESIGN

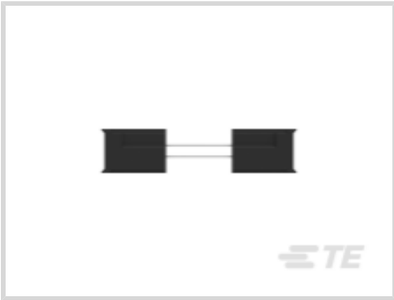
ERNI | ERNI SMC

TE Internal #: 354309-E

Board-to-Board Adapter, Vertical, Plug Side A, Plug Side B, 50 Position, ERNI SMC

View on TE.com >

Connectors > Connector Accessories > Connector Adapters & Connector Savers > Board-to-Board Adapter, Vertical, Cable Mount



Connector Interface Adapter Type: **Board-to-Board Adapter**

Body Orientation: **Vertical**

Side A Gender: **Plug**

Side B Gender: **Plug**

Connector System: **Board-to-Board**

All Board-to-Board Adapter, Vertical, Cable Mount (41)

Features

Product Type Features

Connector Interface Adapter Type	Board-to-Board Adapter
Side A Gender	Plug
Side B Gender	Plug
Connector System	Board-to-Board

Configuration Features

Number of Positions	50

Body Features

Body Material	Liquid Crystal Polymer (LCP)

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.1 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Body Orientation	Vertical
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Product Length	22.2 mm[.874 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	High Speed Data

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

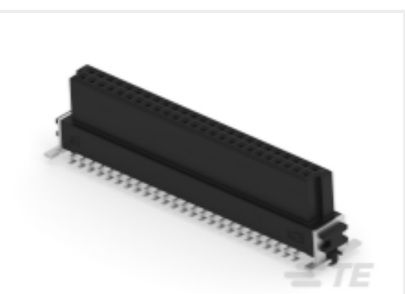
Compatible Parts

TE Part # 124045-E
SMCB 50 F AB VV 6-03 CLHD * H007 137 E00

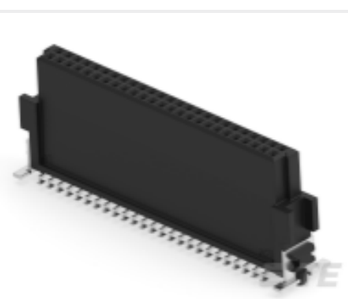
TE Part # 154807-E
SMCB 50 F AB VV 7-13 CL * H007 137 E002

TE Part # 214347-E
SMCB 50 F AB VV 6-01 VH * 0008 137 E002

TE Part # CAT-0A3-D127
Board-to-Board Adapter, Vertical, Cable Mount

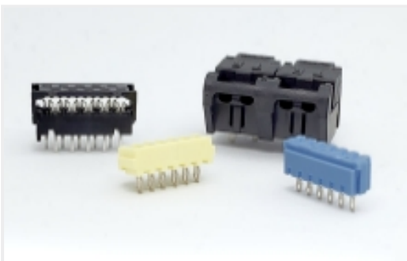


TE Part # 154719-E
SMCB 50 F AB VV 7-03 CL * H007 137 E002

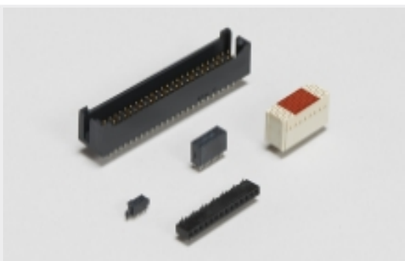


TE Part # 234199-E
SMCB 50 F AB VV 7-23 CL * H007 137 E002

Also in the Series | ERNI SMC



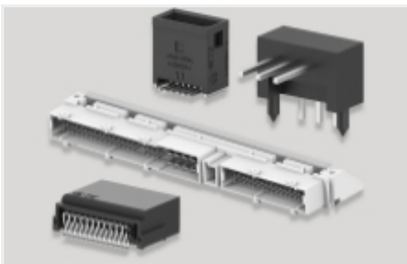
Board-In Connectors(6)



Board-to-Board Headers & Receptacles(79)

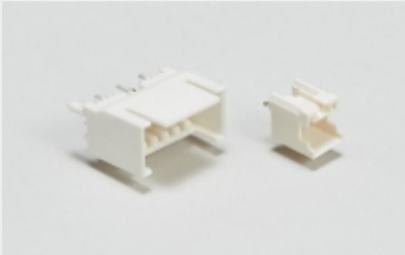
Connector Adapters & Connector Savers(41)

High Speed I/O Cable Assemblies(27)



PCB Headers & Receptacles(79)

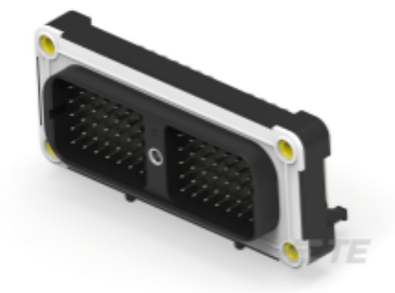
Rectangular Power Connectors(84)



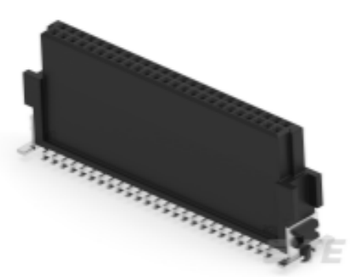
Wire-to-Board Headers & Receptacles (3)

Customers Also Bought

TE Part #154807-E
SMCB 50 F AB VV 7-13 CL * H007 137 E002



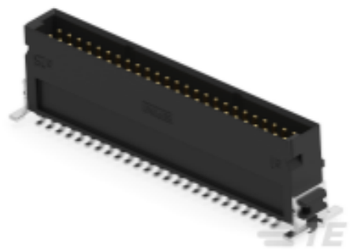
TE Part #DRC13-70PC-B027
HDR, 70P, BLK, RA, M5, FLG, NI/CU, C



TE Part #234199-E
SMCB 50 F AB VV 7-23 CL * H007 137 E002

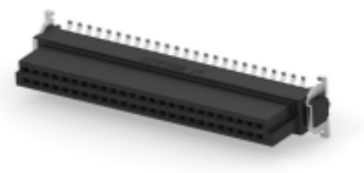
TE Part #354316-E
DRCBTB 1,27 50 M BTB38 36,2 137 * 094 TR

TE Part #CAT-T3437-ST2999
STD Snap-On Markers



TE Part #234208-E
SMCQ 50 M AB VV 8-23 CL * H007 137 E005

TE Part #ZPF000000000105907
DTS 23 Y 25-08 PC-A1414



TE Part #124045-E
SMCB 50 F AB VV 6-03 CLHD * H007 137 E00

TE Part #2236401-1
CARRIER,DT06-02S,ASSY

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_354309-E_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_354309-E_B.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_354309-E_B.3d_igs.zip

English

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

Datasheets & Catalog Pages

Datasheet - ERNI SMC 1.27mm Connectors

English