364731-E

DO NOT USE FOR NEW DESIGN

ERNI | ERNI SMC

TE Internal #: 364731-E

Board-to-Board Adapter, Vertical, Plug Side A, Plug Side B, 80 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	80

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 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	30.2 mm[1.189 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>

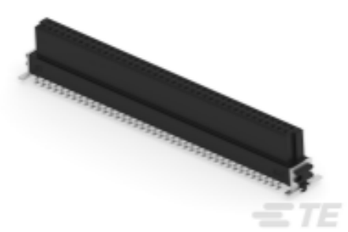
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (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

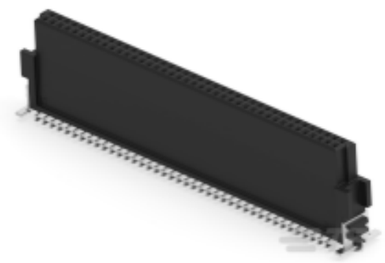
Compatible Parts

TE Part # 214349-E
SMCB 80 F AB VV 6-01 VH * 0008 137 E002



TE Part # 154721-E
SMCB 80 F AB VV 7-03 CL * H007 137 E002

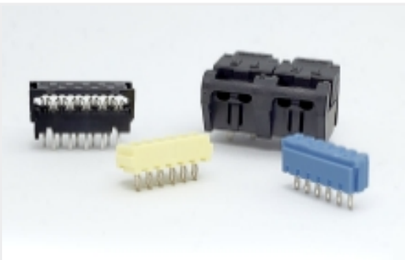
TE Part # 154809-E
SMCB 80 F AB VV 7-13 CL * H007 137 E002



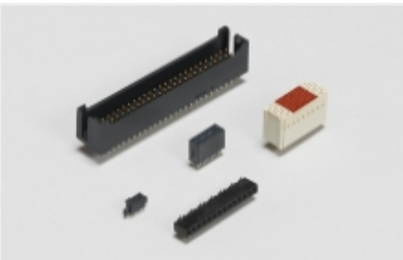
TE Part # 234201-E
SMCB 80 F AB VV 7-23 CL * H007 137 E002

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

Also in the Series | ERNI SMC



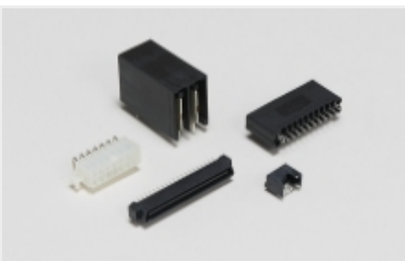
Board-In Connectors(6)



Board-to-Board Headers & Receptacles(79)

Pluggable I/O Cable Assemblies(27)

Rectangular Power Connectors(84)



Standard Rectangular Connectors(5)

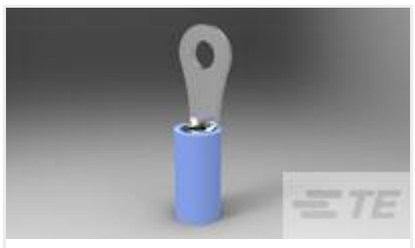
Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought

TE Part #800578-SF
FN2070-10-06

TE Part #T4132012051-000
M12,FRONT MOUNT,MALE,A,5P, SOLDER WIRE

TE Part #52957
TERMINAL,PG SPR SPD 16-14 10



TE Part #324159
TERM, RING, PIDG, 16-14, #4

Documents

Product Drawings

DRCBTB 1,27 80 M BTB32 30,2 137 * 094 TR

German

CAD Files

Customer View Model

ENG_CVM_CVM_364731-E_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_364731-E_B.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_364731-E_B.3d_igs.zip

English

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Datasheets & Catalog Pages

Datasheet - ERNI SMC 1.27mm Connectors

English