214347-E ✔ ACTIVE

ERNI | ERNI SMC

TE Internal #: 214347-E

50 Position, Receptacle, Connector Assembly, Insulation Displacement (IDC), Wire-to-Board, UL 94V-0, 1.27 mm [.05 in] Centerline, 2 Row, ERNI SMC

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Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Latch**

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

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Rows	2

Electrical Characteristics

Operating Voltage	10 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Layout	Matrix
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.91 A
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention Type	Locking Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Connector Length	38.88 mm[1.53 in]
Row-to-Row Spacing	1.27 mm[.05 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	IEC
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

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

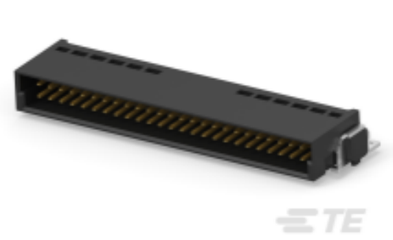
Product Compliance Disclaimer

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



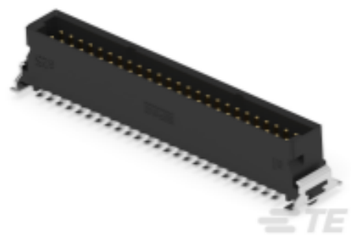
TE Part # CAT-0A3-D127
Board-to-Board Adapter, Vertical, Cable Mount



TE Part # 054596-E
SMCB 50 M AB VV 3-03 CLHD * 0007 137 E00



TE Part # 064004-E
SMCQ 50 M AB VV 3-04 * 2,8 0003 137 E001



TE Part # 244838-E
SMCQ 50 M AB VV 8-13 CL * H007 137 E005



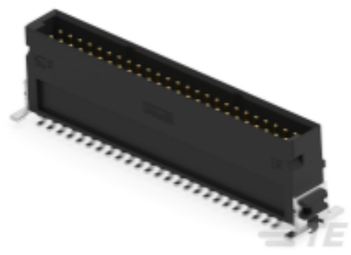
TE Part # 214349-E
SMCB 80 F AB VV 6-01 VH * 0008 137 E002



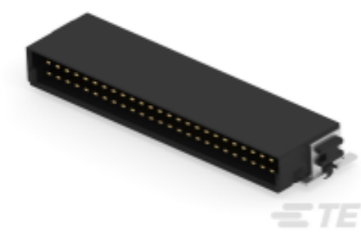
TE Part # 214346-E
SMCB 26 F AB VV 6-01 VH * 0008 137 E002



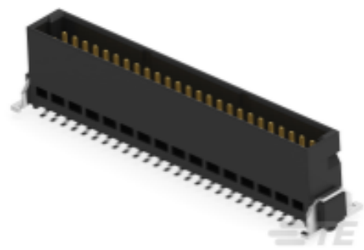
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SMCB 68 F AB VV 6-01 VH * 0008 137 E002



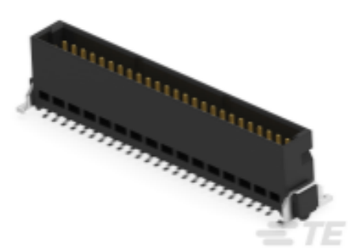
TE Part # 234208-E
SMCQ 50 M AB VV 8-23 CL * H007 137 E005



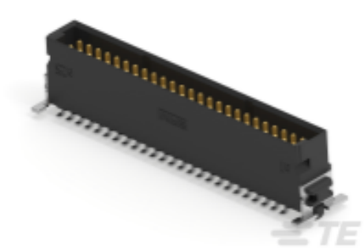
TE Part # 154765-E
SMCB 50 M AB VV 7-03 CL * 0007 137 E004



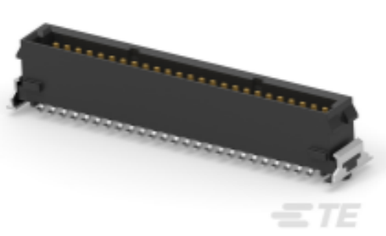
TE Part # 063210-E
SMCQ 50 M AB VV 3-03 CLHD * H007 137 E00



TE Part # 394393-E
SMCQ 50 M AB VV 3-03 CLHD * HE07 137 E00



TE Part # 244856-E
SMCQ 50 M AB VV 8-03 CL * H007 137 E005

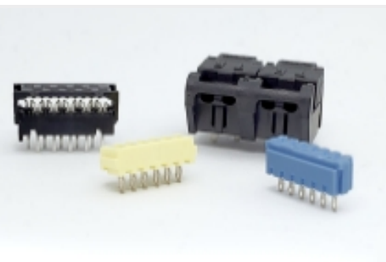


TE Part # 474356-E
SMCQ 50 M AB VV 8-13 CL * H007 137 E005

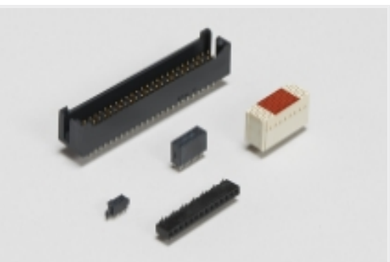


TE Part # 214345-E
SMCB 12 F AB VV 6-01 VH * 0008 137 E002

Also in the Series | ERNI SMC



Board-In Connectors(6)



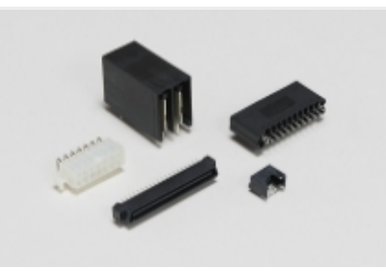
Board-to-Board Headers & Receptacles(79)



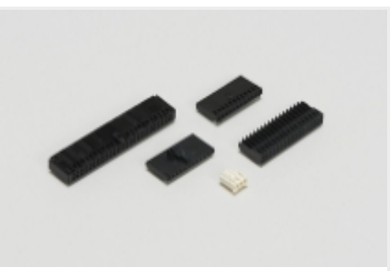
Pluggable I/O Cable Assemblies(27)



Rectangular Power Connectors(84)

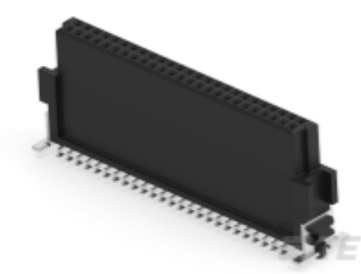


Standard Rectangular Connectors(5)



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

Customers Also Bought



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



TE Part #354181-E
MSPEED 50 F SMDTHR F10 B AB VV 137 094 *



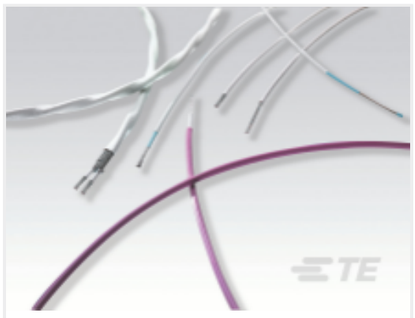
TE Part #T1930060000-000
H6BPR-AG



TE Part #T2580032154-000
PIN-Q2-F



TE Part #464689-E
DRCQ 2,54 20 M * SMD * 137 E012 168 GU-H



TE Part #CAT-55A-TC-H28
General Purpose Hookup Wire: Tin Coated Copper Wire, 28 AWG



TE Part #T2040064201-000
HE-006-FC



TE Part #234479-E
SRCP 1,27 12 F 1 I2426 137 E1 162 1,07 T

TE Part #374338-E
DRCBUG B 2,54 20 * CSI 165 E012 ADV J 2

Documents

Product Drawings

SMCB 50 F AB VV 6-01 VH * 0008 137 E002

English

CAD Files

Customer View Model

ENG_CVM_CVM_214347-E_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_214347-E_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_214347-E_C.3d_igs.zip

English

3D PDF

3D

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

Product Specifications

Product Specification

English