



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	68
Number of Rows	2

Electrical Characteristics

Operating Voltage	10 VDC
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Body Features

Primary Product Color	Black
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Contact Features

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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)
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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	50.31 mm[1.98 in]
Row-to-Row Spacing	1.27 mm[.05 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Tray
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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

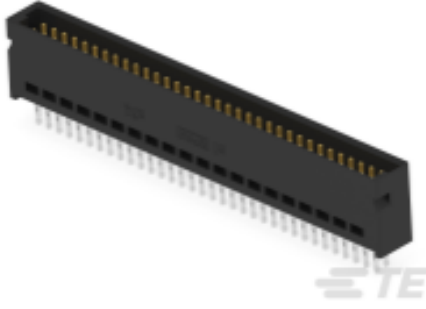


	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

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>

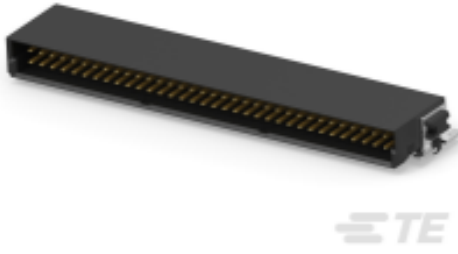
Compatible Parts



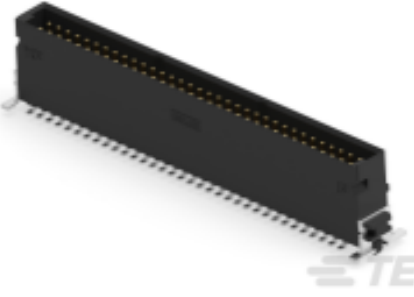
TE Part # 144183-E
SMCQ 68 M AB VV 3-04 * 2,8 0003 137 E001



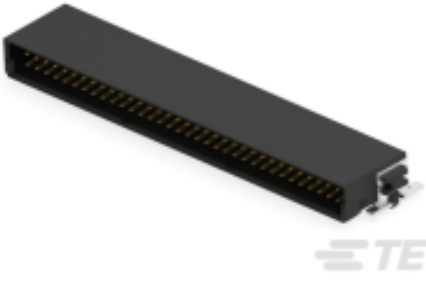
TE Part # CAT-0A3-D127
Board-to-Board Adapter, Vertical, Cable Mount



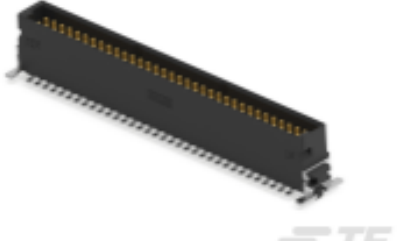
TE Part # 494900-E
SMCB 68 M AB VV 7-03 CL * 0007 187 E003



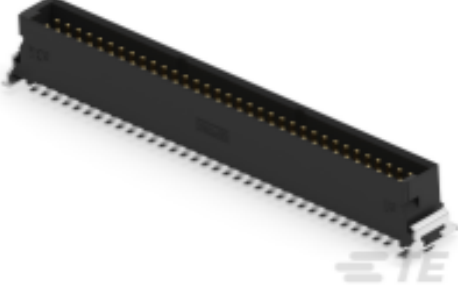
TE Part # 234209-E
SMCQ 68 M AB VV 8-23 CL * H007 137 E005



TE Part # 394961-E
SMCB 68 M AB VV 7-03 CL * 0007 107 E003



TE Part # 244857-E
SMCQ 68 M AB VV 8-03 CL * H007 137 E005



TE Part # 244839-E
SMCQ 68 M AB VV 8-13 CL * H007 137 E005



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



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

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

TE Part # 154766-E
SMCB 68 M AB VV 7-03 CL * 0007 137
E004

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 #282034-012
44A0111-22-4

TE Part #154808-E
SMCB 68 F AB VV 7-13 CL * H007 137
E002

TE Part #2820893008
44A0111-28-9

TE Part #2820223021
44A0111-20-2

TE Part #864607-000
202K142-25/225-0

TE Part #154766-E
SMCB 68 M AB VV 7-03 CL * 0007 137
E004

TE Part #214158-E
SRCA 1,27 6 F 1 I2426 137 E1 094 1,07
TR

TE Part #2-34122-1
TERMINAL,SOLIS R 16-14 8
TR



Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_214348-E_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_214348-E_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_214348-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