214348-E ✔ ACTIVE

ERNI | ERNI SMC

TE Internal #: 214348-E

Connector Assembly, Receptacle, Wire-to-Board, 68 Position, 1.27 mm [.05 in] Centerline, Insulation Displacement (IDC), 2 Row, Black, ERNI SMC

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **68**

Centerline (Pitch): **1.27 mm [.05 in]**

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

Body Features

Primary Product Color	Black

Contact Features

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

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

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

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]

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	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

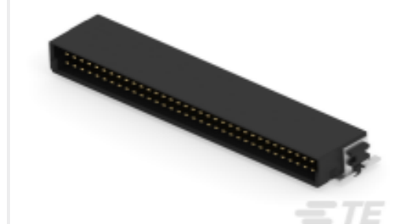
Compatible Parts



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



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



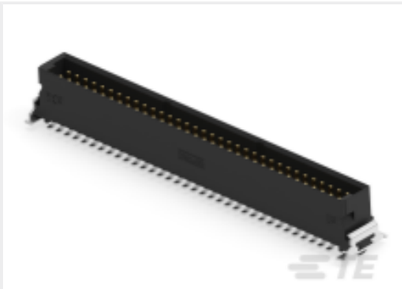
TE Part # 154766-E
SMCB 68 M AB VV 7-03 CL * 0007 137 E004



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



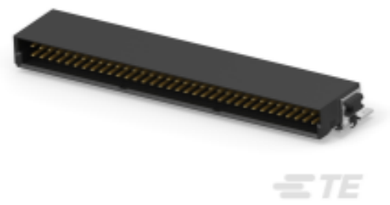
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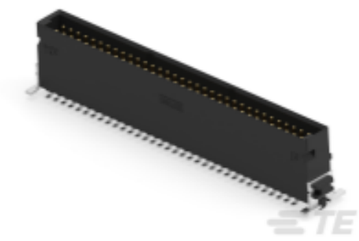
TE Part # 394961-E
SMCB 68 M AB VV 7-03 CL * 0007 107 E003



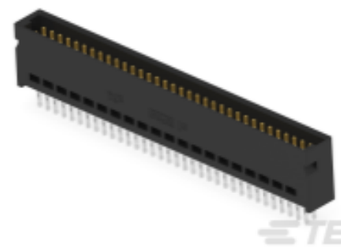
TE Part # CAT-0A3-D127
Board-to-Board Adapter, Vertical, Cable Mount



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

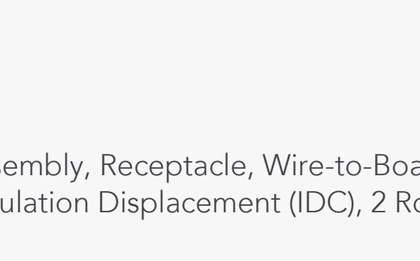


TE Part # 234209-E
SMCQ 68 M AB VV 8-23 CL * H007 137 E005

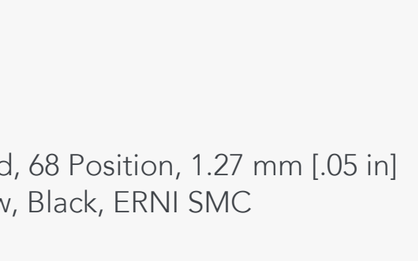


TE Part # 144183-E
SMCQ 68 M AB VV 3-04 * 2,8 0003 137 E001

Also in the Series | ERNI SMC



Board-In Connectors(6)



Board-to-Board Headers & Receptacles(81)

Connector Adapters & Connector Savers(45)

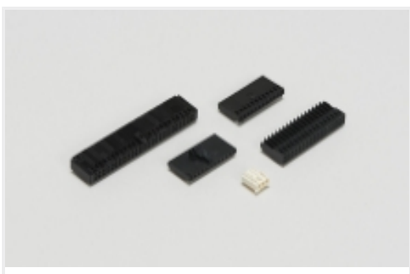
PCB Headers & Receptacles(81)



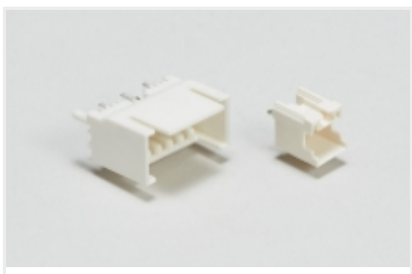
Pluggable I/O Cable Assemblies(27)



Rectangular Power Connectors(81)



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

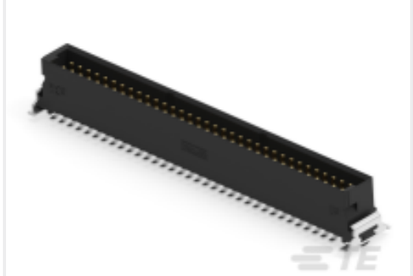


Wire-to-Board Headers & Receptacles (3)

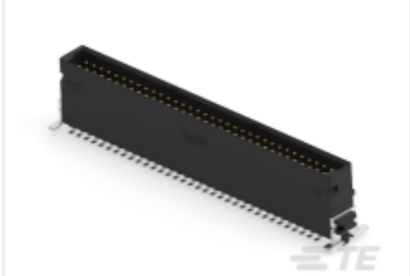
Customers Also Bought



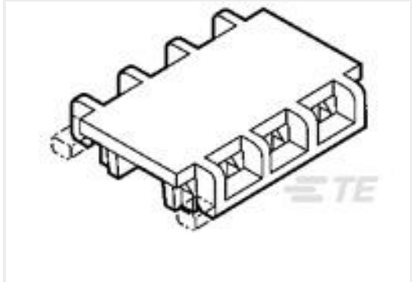
TE Part #214347-E
SMCB 50 F AB VV 6-01 VH * 0008 137 E002



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



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



TE Part #643077-3
03P MTA100 MOLDED COVER F/T



TE Part #1-2305367-1
24P THROUGH WALL CONNECTOR ASSY,CONN KIT



TE Part #8-6609940-7
PM0S0DS6B=C3401

TE Part #ZPF000000000137265
598-8002-00

TE Part #846021-E
IDCCS SRC 1,27 10 * SPX NXX 100 PVC

TE Part #2378515-1
SGM EP28 TRANSMISSION CABLE

TE Part #284044-E
SRCBUG A 2,54 1 2 CSI 112 E1 ADV J 2 224

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

Datasheet - ERNI SMC 1.27mm Connectors

Datasheet - ERNI SMC 1.27mm Connectors

German

Product Specifications

SMC_Receptacle_with_Ribbon_Cable_IDC_and_Header

English