



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **26**

Number of Rows: **2**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	26
Number of Rows	2

Electrical Characteristics

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Operating Voltage	10 VDC
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Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Tab Width	.42 mm[.016 in]
PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Shape & Form	Rectangular
Contact Layout	Matrix
Contact Mating Area Length	4 mm[.157 in]
Contact Base Material	Copper Alloy
Mating Tab Thickness	.3 mm[.012 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	1.6 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mounting Alignment Feature Length	.75 mm[.029 in]
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Pegs
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Row-to-Row Spacing	1.27 mm[.05 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	280
Packaging Method	Reel

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	Low Halogen - Br, Cl, F, I < 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.




Compatible Parts



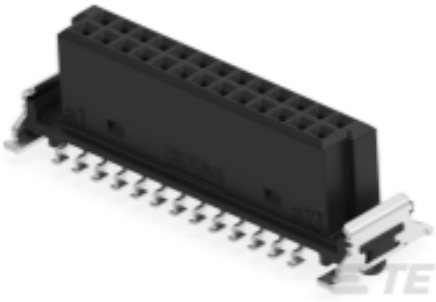
TE Part # 225036-E
SMCQ 26 F AB VV 7-03 CL * 0007 137 E002



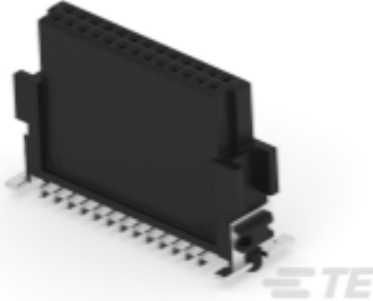
TE Part # 044658-E
SMCB 26 F AB VV 3-01 ** 0008 137 POS 05



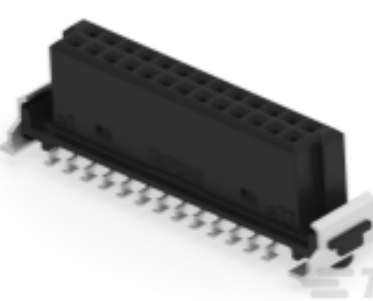
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SMCB 26 F AB VV 6-01 VH * 0008 137 E002



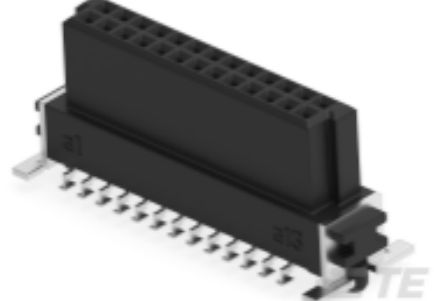
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SMCB 26 F AB VV 7-13 CL * HE07 137 E002




TE Part # 204763-E
SMCB 26 F AB VV 7-23 CL * H007 137 E002



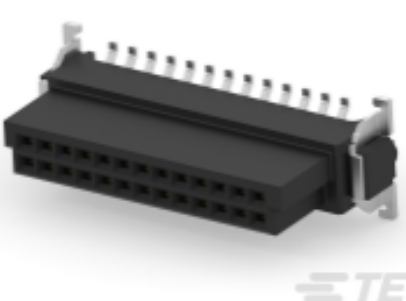
TE Part # 154806-E
SMCB 26 F AB VV 7-13 CL * H007 137 E002



TE Part # 154718-E
SMCB 26 F AB VV 7-03 CL * H007 137 E002



TE Part # 154741-E
SMCQ 26 F AB VV 7-03 CL * 0007 137 E002



TE Part # 124044-E
SMCB 26 F AB VV 6-03 CLHD * H007 137 E00

Customers Also Bought



TE Part #284984-E
STVC 96 F ABC VV 7-00 0606 13,0 * 137 E



TE Part #244854-E
SMCQ 12 M AB VV 8-03 CL * H007 137 E005



TE Part #124044-E
SMCB 26 F AB VV 6-03 CLHD * H007 137 E00



TE Part #1-826632-2
12P AMPMODU II PIN HDR



TE Part #394828-E
M12 METAL SHELL, FEMALE, VERT, 9MM, C6A



TE Part #203490-E
MJ LSS ** 8 8 * ** * 999999 30 * J 3 2



TE Part #225499-E
M8 MALE, A CODE, 4P, 13MM, THR



TE Part #854062-E
CFGCA SMC 30R 26 LL AU AUI PO 0150 ANN



Documents

Product Drawings

[SMCQ 26 M AB W 3-03 CLHD * H007 137 E00](#)

German

CAD Files

Customer View Model

[ENG_CVM_CVM_063209-E_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_063209-E_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_063209-E_G.3d_igs.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[SMC_Receptacle_with_Ribbon_Cable_IDC_and_Header](#)

English