



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **5**

Number of Rows: **1**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
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

Number of Columns	5
Number of Loaded Positions	5
Connector Contact Load Condition	Fully Loaded
Number of Positions	5
Number of Rows	1



PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Co-Planar, Orthogonal
Number of Power Positions	5

Electrical Characteristics

Insulation Resistance	10000 MΩ
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 6 μm[157.48 – 236.22 μin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle
Contact Current Rating (Max)	18 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Panel Mount Feature	Without
Mating Retention	Without
PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2 mm[.079 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Connector Width	9.1 mm[.358 in]
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Connector Height	5.25 mm[.207 in]
Connector Length	11.9 mm[.469 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
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	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: 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

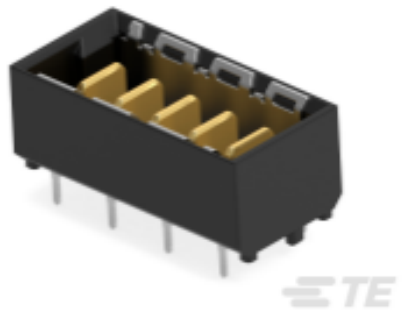
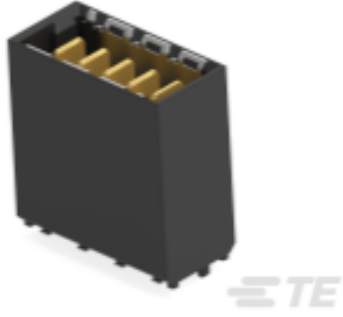
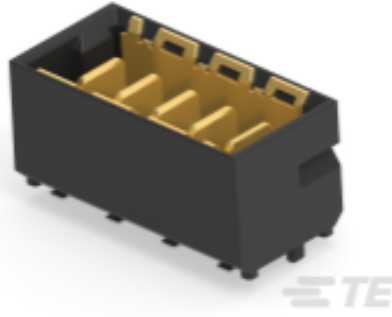
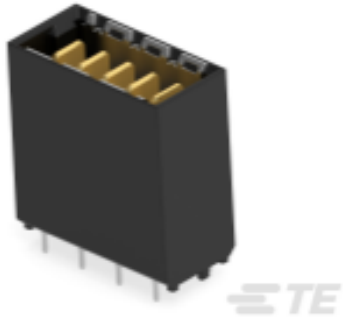
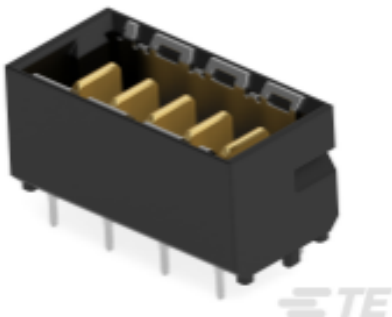
Product Compliance Disclaimer

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

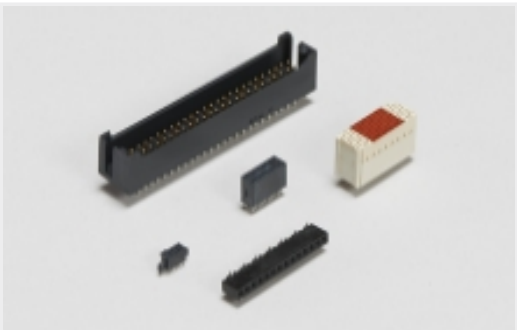


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

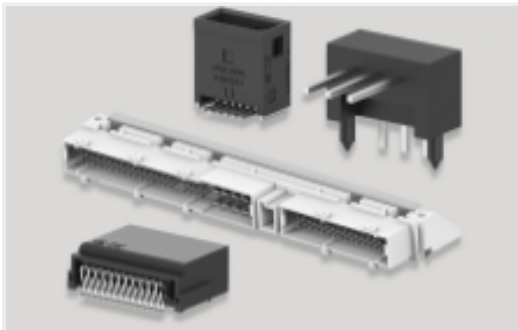
Compatible Parts

 TE Part # 214916-E MSPPM 5 M SMDTHR M1 * A V 137 094 * E008	 TE Part # 394573-E MSPPM 5 M THR * 90 A V 137 094 * E008 J	 TE Part # 214551-E MSPPM 5 M SMD M9 * A V 137 094 * E008 J	 TE Part # 214550-E MSPPM 5 M SMD M2 * A V 137 094 * E008 J
 TE Part # 214552-E MSPPM 5 M SMD M10 * A V 137 094 * E008 J	 TE Part # 474700-E MSPPM 5 M SMDTHR M9 * A V 137 094 KP E00	 TE Part # 214918-E MSPPM 5 M SMDTHR M9 * A V 137 094 * E008	 TE Part # 364707-E MSPPM 5 F SMD * 90B A V 137 094 * E008 J
 TE Part # 364706-E MSPPM 5 M SMDTHR * 90 A V 137 094 * E008	 TE Part # 214917-E MSPPM 5 M SMDTHR M2 * A V 137 094 * E008	 TE Part # 364705-E MSPPM 5 M SMD * 90 A V 137 094 * E008 J	 TE Part # 214357-E MSPPM 5 M SMD M1 * A V 137 094 * E008 J
 TE Part # 214919-E MSPPM 5 M SMDTHR M10 * A V 137 094 * E00			

Also in the Series | ERNI MicroSpeed Power Modules



Board-to-Board Headers & Receptacles(41)

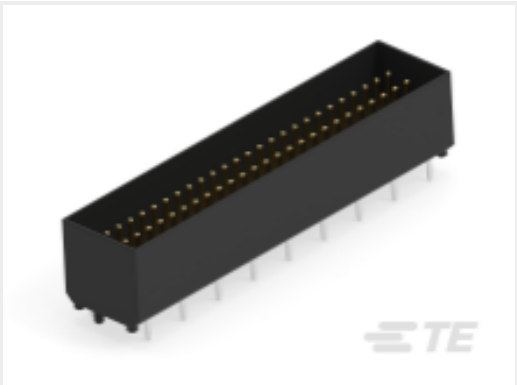


PCB Headers & Receptacles(41)



Rectangular Power Connectors(41)

Customers Also Bought



TE Part #224558-E
MSPEED 50 M SMDTHR M2 * AB VV
137 094 *



TE Part #214917-E
MSPPM 5 M SMDTHR M2 * A V 137
094 * E008



TE Part #364705-E
MSPPM 5 M SMD * 90 A V 137 094 *
E008 J



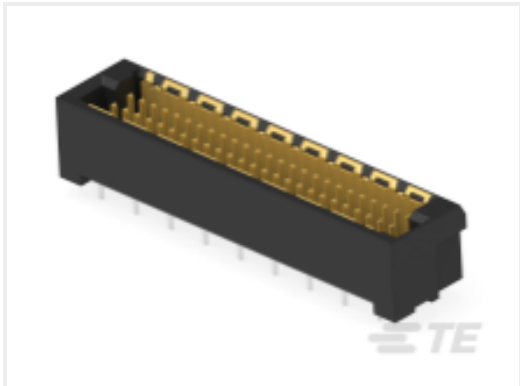
TE Part #NB14444001
VERSAFIT-3/4-9-FSP



TE Part #374719-E
MSPEED 50 F SMDTHR * 90E AB VV
137 094 1



TE Part #224515-E
MSPEED 50 F SMDTHR F8 * AB VV
137 094 *



TE Part #354184-E
MSPEED 50 M SMDTHR M2 B AB VV
137 094 *



TE Part #2170805-1
CAGE ASSEMBLY, 1X2, QSFP28,
SPRING



TE Part #9-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes,
W/C



TE Part #826632-4
4P AMPMODU II PIN HDR.

Documents

Product Drawings

MSPPM 5 F SMD * 90 A V 137 094 * E008 J

German

CAD Files

Customer View Model

ENG_CVM_CVM_364709-E_1.3d_igs.zip

English

Customer View Model



[ENG_CVM_CVM_364709-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_364709-E_1.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[ERNI MicroSpeed Power](#)

English

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German