354264-E ✔ ACTIVE

ERNI | ERNI MicroSpeed Power Modules

TE Internal #: 354264-E

Rectangular Power Connectors, Connector Assembly, Housing for Female Terminals, Board-to-Board, 5 Position, ERNI MicroSpeed Power Modules

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Housing for Female Terminals**

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

Number of Positions: **5**

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

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Housing for Female Terminals
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Insertion Force	5 Newton
Number of Columns	5
Number of Positions	5
PCB Mount Orientation	Vertical
Number of Power Positions	5
Number of Signal Positions	0
Number of Rows	1

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Board-to-Board Configuration	Parallel

Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	18 A
Contact Retention Within Housing	Without
Contact Type	Receptacle
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Blindmate
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Locating Post
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black
Housing Material	LCP

Dimensions

Product Width	4.15 mm[.163 in]
Product Length	12.4 mm[.488 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Method	Tape & 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	Not Yet Reviewed
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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
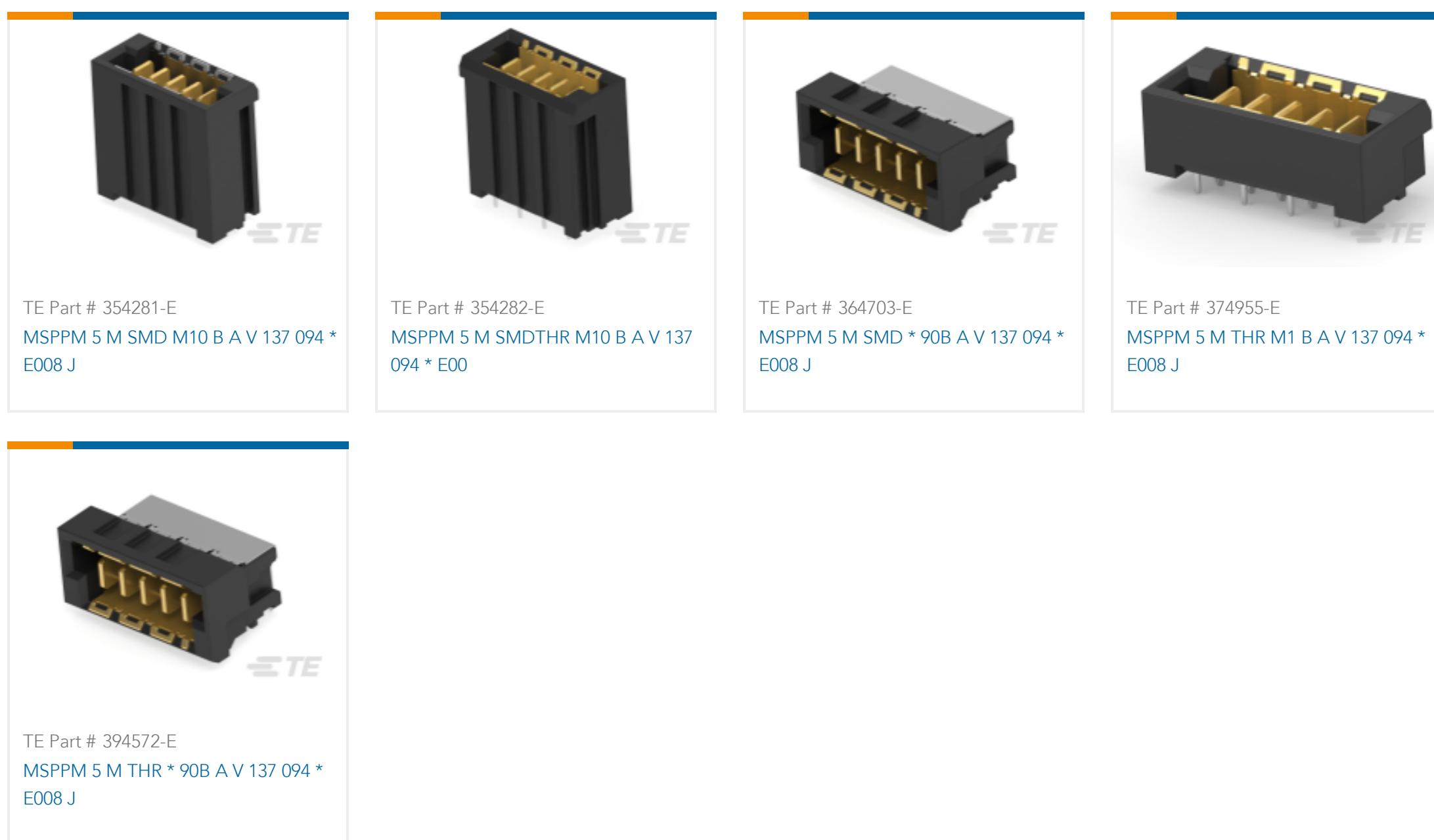
Compatible Parts

TE Part # 354262-E
MSPPM 5 F SMD F4 B A V 137 094 * E008 J

TE Part # 354266-E
MSPPM 5 F SMD F8 B A V 137 094 * E008 J

TE Part # 354275-E
MSPPM 5 M SMD M1 B A V 137 094 * E008 J
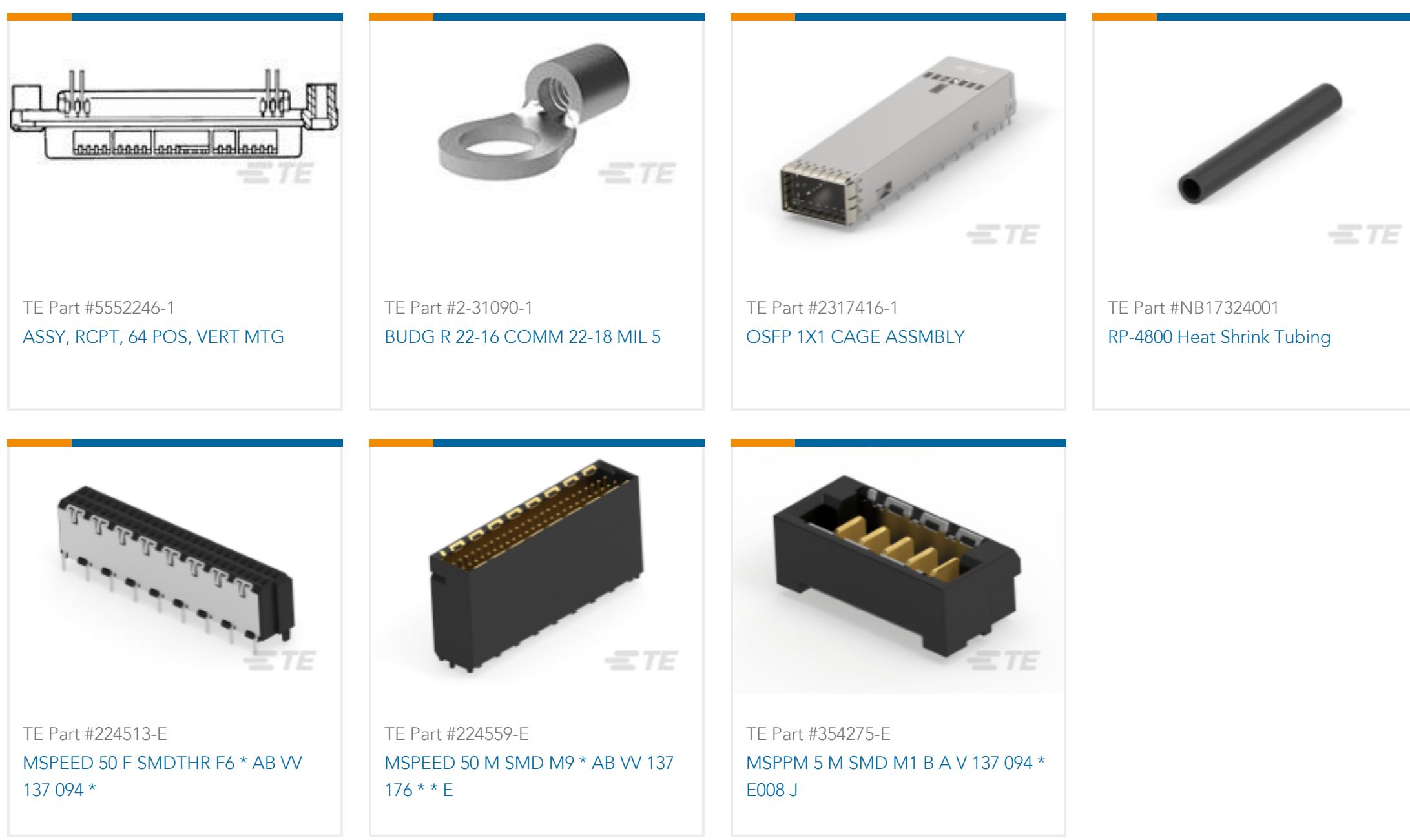

TE Part # 354276-E
MSPPM 5 M SMDTHR M1 B A V 137 094 * E008

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TE Part # 354281-E
MSPPM 5 M SMD M10 B A V 137 094 * E008 J

TE Part # 354282-E
MSPPM 5 M SMDTHR M10 B A V 137 094 * E00

TE Part # 364703-E
MSPPM 5 M SMD * 90B A V 137 094 * E008 J

TE Part # 374955-E
MSPPM 5 M THR M1 B A V 137 094 * E008 J

TE Part # 394572-E
MSPPM 5 M THR * 90B A V 137 094 * E008 J

Also in the Series | ERNI MicroSpeed Power Modules

Rectangular Power Connectors(29)

Customers Also Bought

TE Part #5552246-1
ASSY, RCPT, 64 POS, VERT MTG

TE Part #2-31090-1
BUDG R 22-16 COMM 22-18 MIL 5

TE Part #2317416-1
OSFP 1X1 CAGE ASSMBLY

TE Part #NB17324001
RP-4800 Heat Shrink Tubing

TE Part #224513-E
MSPEED 50 F SMDTHR F6 * AB VV 137 094 *

TE Part #224559-E
MSPEED 50 M SMD M9 * AB VV 137 176 * * E

TE Part #354275-E
MSPPM 5 M SMD M1 B A V 137 094 * E008 J

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Documents

Product Drawings

MSPPM 5 F SMD F6 B A V 137 094 * E008 J

English

CAD Files

Customer View Model

ENG_CVM_CVM_354264-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_354264-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_354264-E_1.2d_dxf.zip

English

3D PDF

3D

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Datasheets & Catalog Pages

ERNI MicroSpeed Power

English

ERNI MicroSpeed Power

German