

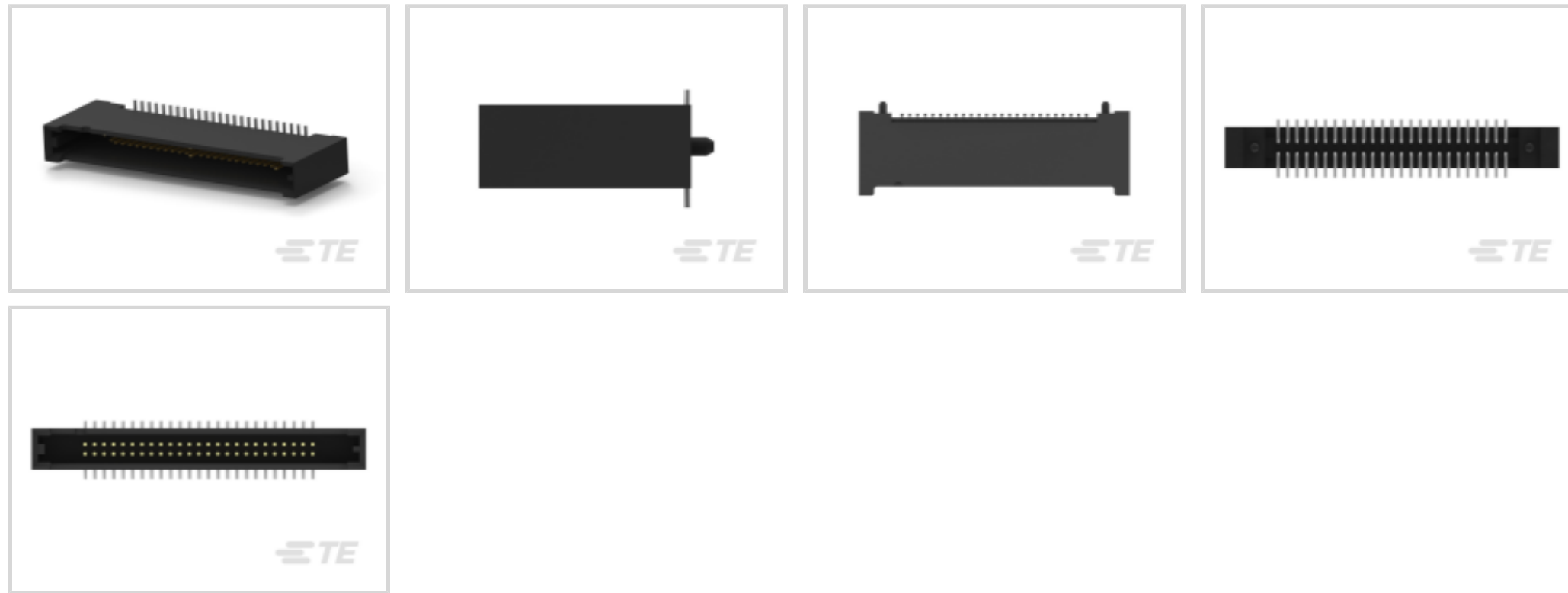


TE Internal #: 146839-3

CompactFlash Connectors, Cable-to-Board, 50 Position, .05 in [1.27 mm] Centerline, 2 Row, Surface Mount / Surface Mount Staggered Leads Mount

[View on TE.com >](#)

Connectors > PCB Connectors > Memory Card Connectors > CompactFlash Connectors



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

Number of Positions: **50**

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

Number of Rows: **2**

PCB Mounting Style: **Surface Mount, Surface Mount Staggered Leads**

## Features

### Product Type Features

Format	CompactFlash
CompactFlash Product Type	Header Only
PCB Offset	0 mm[0 in]
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Removable Memory Products
Shielded	No
Profile	Low

### Configuration Features

Lead Configuration	Staggered
Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Vertical

### Body Features



Hold-Down	Without
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Color	Black
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### Contact Features

Vacuum Tape	With
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Brass
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Contact Current Rating (Max)	.5 A
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Thickness	30 µin
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### Mechanical Attachment

PCB Mounting Style	Surface Mount, Surface Mount Staggered Leads
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	1.27 mm [.05 in]
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Housing Material	LCP (Liquid Crystal Polymer)
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box & Tube, Tube
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223)
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SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°C

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 # 146839-4  
50 MC HDR VERT SMTW/BRD LOC

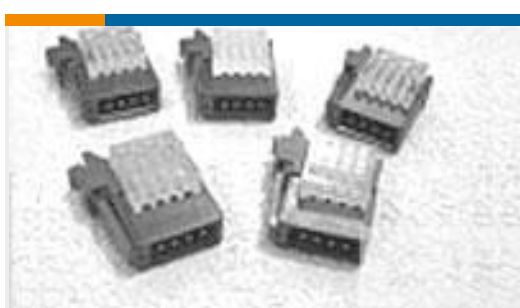
## Customers Also Bought

TE Part #3-794632-6  
06P MICRO MNL ASSY,VRT,HDR,LF

TE Part #1888250-3  
Low Profile,RJ45,1x1,No Led's

TE Part #5-147324-7  
08 MTE HDR SRRA SMT.100CL

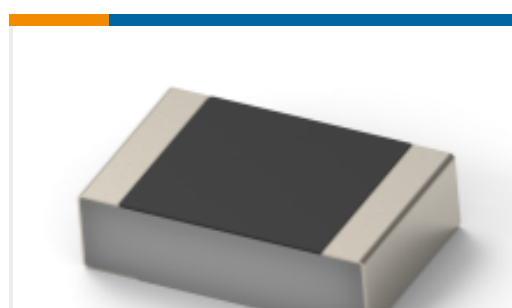
TE Part #2007709-1  
IMP100S,R,RA3P16C,LG,39



TE Part #2-1473562-4  
RITS CONN. PLUG ASSY 4P BLUE



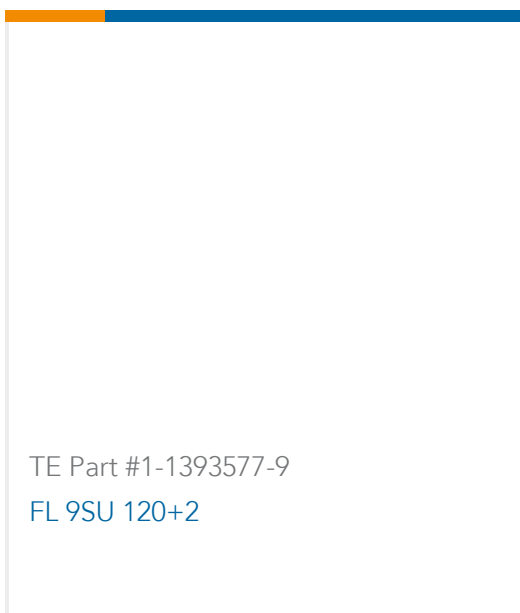
TE Part #2199064-2  
TAP 6 POS 2.0PITCH 3.15H



TE Part #9-2176073-2  
CPF 0201 4K75 0.5% 25PPM 1K RL



TE Part #8-1879132-0  
RN 0402 49R9 0.1% 10PPM 5K RL



TE Part #1-1393577-9  
FL 9SU 120+2

## Documents

### Product Drawings

CF HDR,SMT,50P,VERT,TYPE 1,LEAD FREE

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_146839-3\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_146839-3\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_146839-3\\_F.3d\\_stp.zip](#)

English

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

### Product Specifications

COMPACT FLASH CARD, 1.27mm(.050") PITCH

English

Product Specification

English

### Product Environmental Compliance

TE Material Declaration

English

146839-3

CompactFlash Connectors, Cable-to-Board, 50 Position, .05 in [1.27 mm] Centerline,  
2 Row, Surface Mount / Surface Mount Staggered Leads Mount

