

3-5147490-2 ✓ ACTIVE

AMP PACE | AMP ECONOMATE

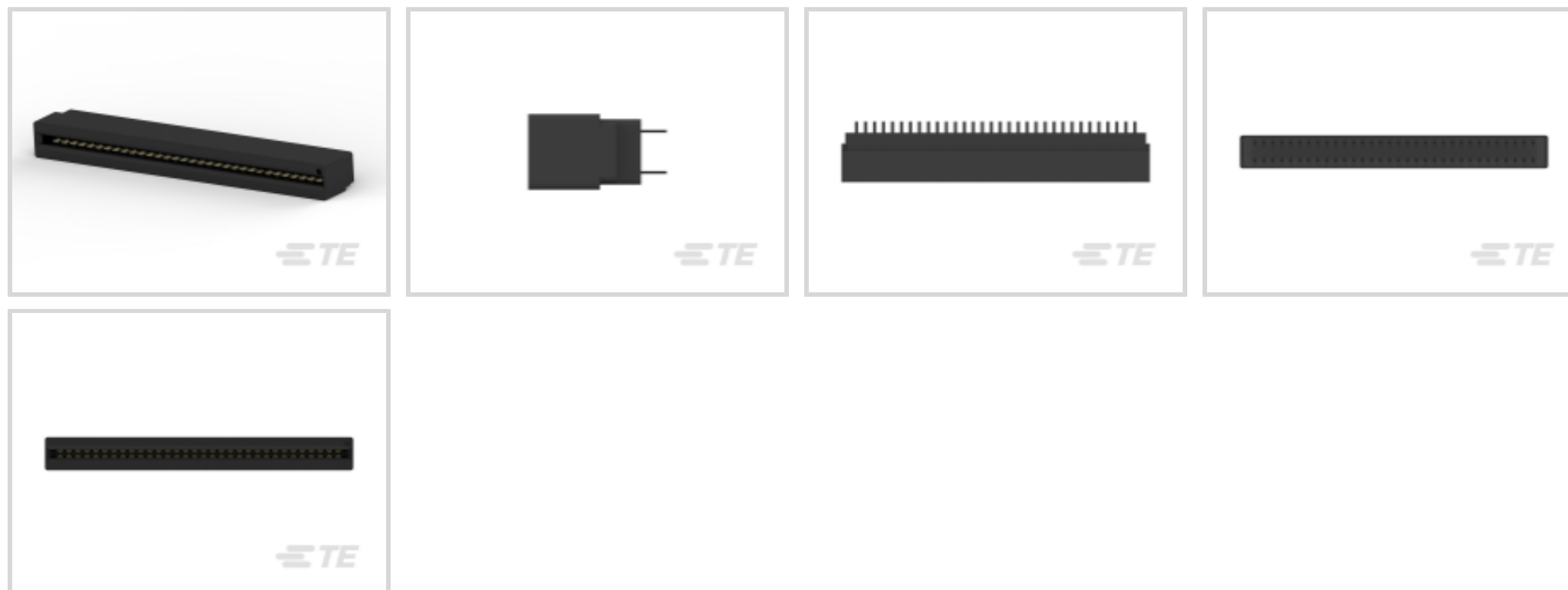
TE Internal #: 3-5147490-2

AMP ECONOMATE, Standard Edge Connectors, Board-to-Board,
64 Position, 2.54mm [.1in] Centerline, 32 Dual Positions, 2 Row,
Black Housing Color

[View on TE.com >](#)



Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **64**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Dual Positions: **32**

Number of Rows: **2**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	64
Number of Dual Positions	32
Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

Contact Features

Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	2.54 μ m[100 μ in]
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 μ m



Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester - GF

Dimensions

Card Slot Depth	10.67 mm[.42 in]
Connector Height	13.97 mm[.55 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Package
Packaging Quantity	108

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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>

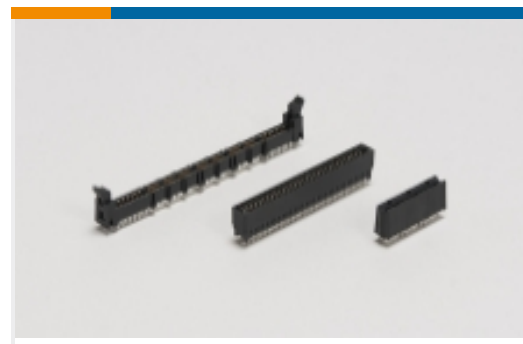
Compatible Parts



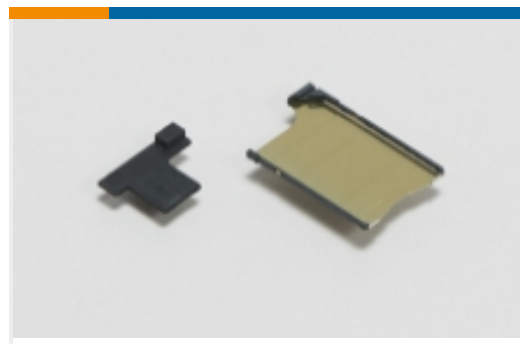
Also in the Series | [AMP ECONOMATE](#)



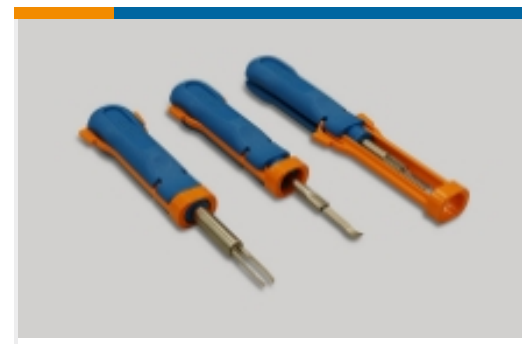
Board-to-Board Connector Contacts(7)



Card Edge Power Connectors(1)



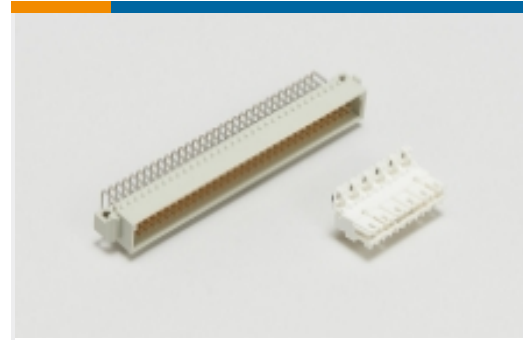
Card Guide Hardware(1)



Insertion & Extraction Tools(1)



PCB Connector Keying(1)



Standard Edge Connectors(12)

Customers Also Bought



TE Part #2170738-3
QSFP28, 1X3, CAGE ASSEMBLY,
SPRING, HS



TE Part #2198231-4
SFP+ Enhanced 1x2, Net Heatsink, LP



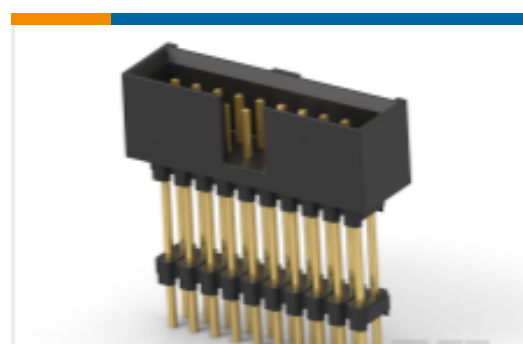
TE Part #1963856-2
CFP HS Kit StS Airflow, 22 fin, 10.3mm



TE Part #3-1734577-5
RJ45 8P8C SHD W/O LED 50u" Au
HDT



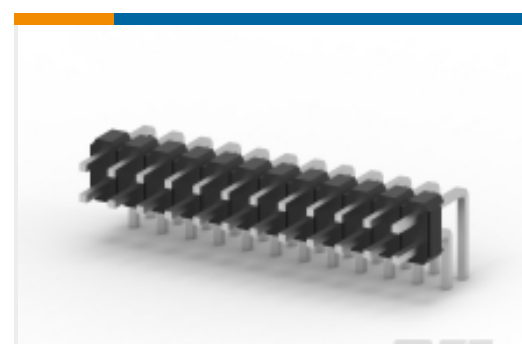
TE Part #1-5353186-0
.6FHP06H,140,S,GIG,08/Sn,TR,NSYes



TE Part #2-2271793-0
AMPMODU PIN BOX HDR 2.0PITCH
2R H=12.9



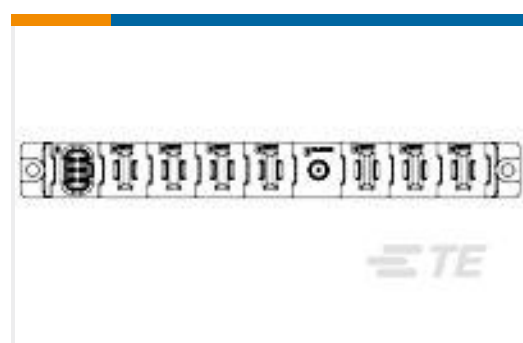
TE Part #2180822-3
SW, HDR, 8x6, Thick, Sn



TE Part #2271010-1
TH Pin Header, TH, 2.00mm Pitch,
24Pos.



TE Part #2288589-2
1X5 SFP+ CAGE EMI ENHANCED WITH
HS



TE Part #6646317-1
CONN,SKT,STR,SLDR,FLATPAQ

Documents



Product Drawings

Next Gen PACE Conn 32 POS 1X2

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-5147490-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-5147490-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-5147490-2_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Application Specification

English

AMP PACE Connectors

English

Product Environmental Compliance

TE Material Declaration

English