



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



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

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

Number of Dual Positions: **60**

Housing Color: **Black**

Housing Material: **High Temperature Glass Filled Thermoplastic**

## Features

### Product Type Features

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

### Configuration Features

Number of Dual Positions	60
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

### Contact Features

Contact Retention Within Housing	Without
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Underplating Material	Palladium Nickel
Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	1.5 A

### Termination Features

Termination Post & Tail Length	3.76 mm[.148 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

### Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without

### Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Black
Housing Material	High Temperature Glass Filled Thermoplastic

### Dimensions

Daughter Board Thickness	2.36 mm[.093 in]
Card Slot Depth	2.36 mm[.093 in]
Connector Height	15.49 mm[.61 in]

### Usage Conditions

Operating Temperature Range	-55 – 125 °C
-----------------------------	--------------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Method	Tube
Packaging Quantity	6

### Other

Comment	Designed to accept multi-layer daughter boards.
---------	---

### Product Compliance

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

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

Candidate List Declared Against: DEC 2010  
(44)  
SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

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 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.

## Documents

[Product Specifications](#)

[Product Specification](#)

English