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Part Number: [75594-0000](#)
Status: **Active**
Overview: [MicroTCA Interconnect Solutions](#)
Description: 0.75mm Pitch MicroTCA Edge Card Connector, 170 Circuit

Documents:

3D Model	Test Summary TS-75594-001 (PDF)
Drawing (PDF)	Test Summary TS-75594-002 (PDF)
Application Specification AS-75594-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-75594-100 (PDF)	

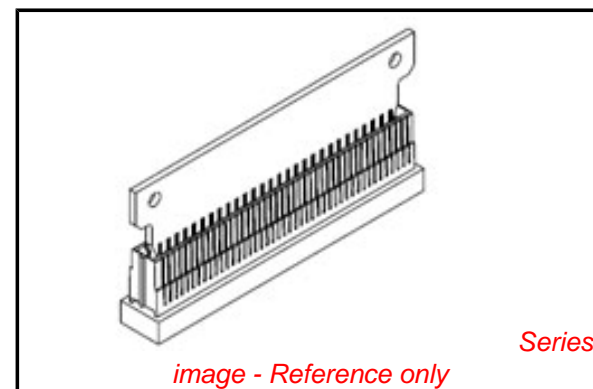


image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	75594
Application Tooling Part Link	621005200
Application Tooling Part Link	622018626
Component Type	Edgecard to PCB
Overview	MicroTCA Interconnect Solutions
Product Name	MicroTCA
UPC	822350869607

Physical

(p)ower-(s)ignal Configuration	170s - 0p
Circuits (Loaded)	170
Circuits (maximum)	170
Color - Resin	Black
Durability (mating cycles max)	200
Entry Angle	Vertical
Flammability	94V-0
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	6.755/g
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface	0.76mm
Pitch - Termination Interface	0.76mm
Polarized to Mating Part	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.52A
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

EU RoHS **China RoHS**

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75594Series](#)

Mates With

PCB Card

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Micro TCA Removal Tool	0621005200
MICRO TCA Press-In Tool	0622018626

Application Specification
Sales Drawing
Test Summary

AS-75594-001, AS-75594-100
SD-75594-001, SD-75594-002
TS-75594-001, TS-75594-002

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