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Part Number: [75594-0000](#)
Status: **Active**
Overview: [EdgeLine® High Speed Connectors](#)
Description: [MicroTCA EdgeLine® Connector, 0.75mm Pitch, 0.76µm Select Gold \(Au\), 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)	

Agency Certification

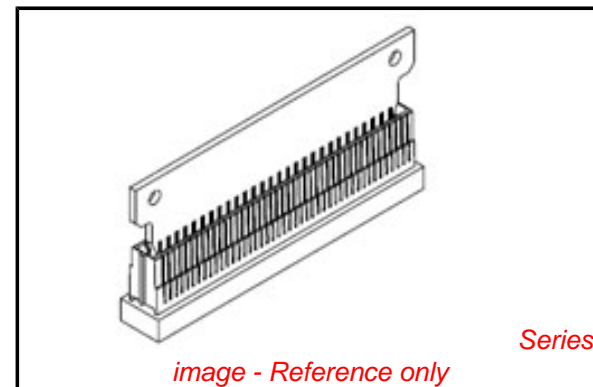
CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	75594
Application Tooling Part Link	62100-5200
Application Tooling Part Link	62201-8626
Circuit Size Range	65-200 Circuits
Component Type	Edgecard to PCB
Data Rate	5.0-12.0 Gbps
Edge Card Thickness	1.57mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	EdgeLine® High Speed Connectors
Product Name	EdgeLine®
Standard Based	uTCA
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	N/A
Flammability	94V-0
Keying to Mating Part	N/A
Material - Metal	Brass
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.997/g
PCB Locator	No
PCB Thickness - Recommended	2.79mm
Packaging Type	Tray
Pitch - Mating Interface	0.75mm
Pitch - Termination Interface	0.75mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



EU RoHS

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

China RoHS



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](#)

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

Electrical

Current - Maximum per Contact

1.52A

Voltage - Maximum

250V AC

Material Info**Reference - Drawing Numbers**

Application Specification

AS-75594-001, AS-75594-100

Electrical Model Document

EE-75594-0002

S-Parameter Model

SP-75594-0002

Sales Drawing

SD-75594-001, SD-75594-002

Test Summary

TS-75594-001, TS-75594-002

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