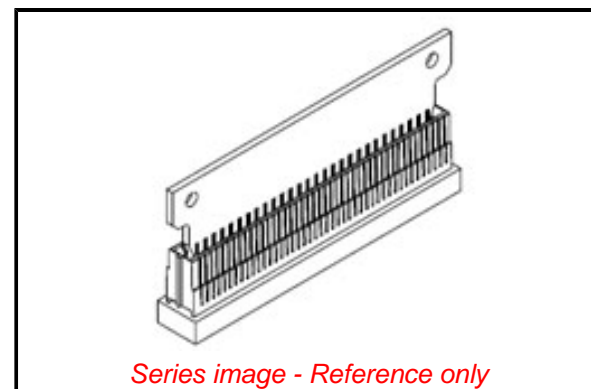


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0755940000](#)  
**Status:** **Active**  
**Overview:** [EdgeLine High-Speed Connectors](#)  
**Description:** [MicroTCA EdgeLine Connector, 0.75mm Pitch, 0.76µm Select Gold \(Au\), 170 Circuit](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-75594-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-75594-100-001 (PDF)</a>
<a href="#">Product Specification TS-75594-001-001 (PDF)</a>	<a href="#">Packaging Specification PK-75594-999 (PDF)</a>
<a href="#">Product Specification TS-75594-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	62100-5200
Application Tooling Part Link	62201-8626

**General**

Product Family	Edge Card Connectors
Series	<a href="#">75594</a>
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	<a href="#">EdgeLine High-Speed Connectors</a>
Product Name	EdgeLine
Standard Based	MicroTCA
UPC	822350869607

**Physical**

(p)ower-(s)ignal Configuration	170s - 0p
Circuit Size Range	65-200 Circuits
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° to +105°C

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75594 Series](#)

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-75594-001-001, AS-75594-100-001  
Electrical Model Document EE-75594-0002  
Packaging Specification PK-75594-999  
Product Specification TS-75594-001-001, TS-75594-002-001  
S-Parameter Model SP-75594-0002  
Sales Drawing SD-75594-001  
Symbol/Footprint Data SYM-75594-0000

This document was generated on 05/21/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**