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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:

Drawing (PDF)	Packaging Specification PK-75594-999-001 (PDF)
Application Specification AS-75594-001-001 (PDF)	Symbol Footprint Data SYM-75594-0000-001 (PDF)
Application Specification AS-75594-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

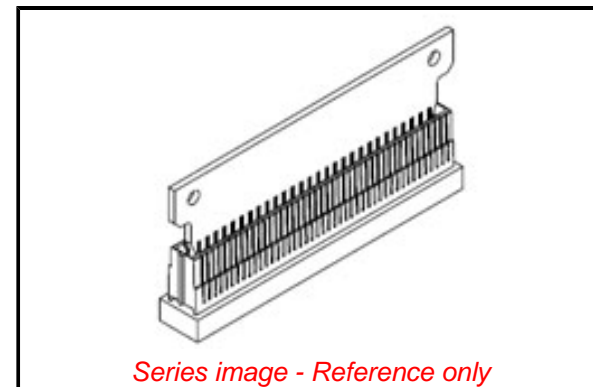
Application Tooling Part Link	62100-5200
Application Tooling Part Link	62201-8626

General

Product Family	Edge Card Connectors
Series	75594
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	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
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
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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](#)

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	621005200
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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-75594-0002-002
Packaging Specification PK-75594-999-001
S-Parameter Model SP-75594-0002-002
Sales Drawing SD-75594-001-001
Symbol/Footprint Data SYM-75594-0000-001

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