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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:	
3D Model	Application Specification AS-75594-001-001 (PDF)
Drawing (PDF)	Application Specification AS-75594-100-001 (PDF)
Product Specification TS-75594-001-001 (PDF)	Packaging Specification PK-75594-999 (PDF)
Product Specification TS-75594-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

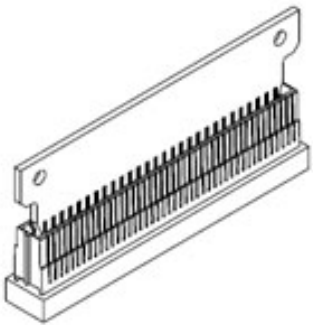
CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	75594
Application Tooling Part Link	62100-5200
Application Tooling Part Link	62201-8626
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 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
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[75594 Series](#)

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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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

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