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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)	

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
Electrical Model	Yes
High Power Bay (30A or more)	No
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	5.997/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	Press-Fit

Electrical

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

Material Info

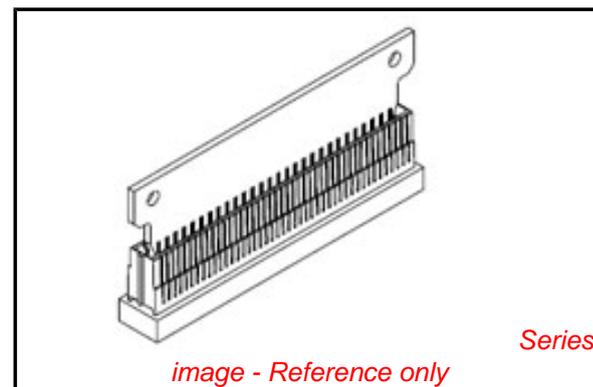


image - Reference only

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](#)

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

Reference - Drawing Numbers

Application Specification
Electrical Model Document
S-Parameter Model
Sales Drawing
Test Summary

AS-75594-001, AS-75594-100
EE-75594-0002
SP-75594-0002
SD-75594-001, SD-75594-002
TS-75594-001, TS-75594-002

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