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Part Number: [1703050118](#)
Status: **Active**
Overview: [EdgeLine High-Speed Connectors](#)
Description: EdgeLine CoPlanar+ ESP Connector, 15 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 118 Circuits, 30.0A Power Module

Documents:

3D Model	Application Specification AS-170305-0002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-170305-0001-001 (PDF)
3D Model (PDF)	Test Summary TS-170305-0001-001 (PDF)
Product Specification PS-170305-0001-001 (PDF)	Symbol Footprint Data SYM-170305-0118-001 (PDF)
Application Specification AS-170305-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

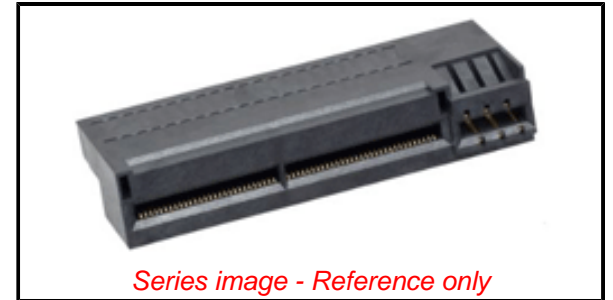
Application Tooling Part Link 62100-9400
 Application Tooling Part Link 62202-2801

General

Product Family Edge Card Connectors
 Series [170305](#)
 Component Type Edgecard to PCB
 Data Rate 12.5-20.0 Gbps
 Edge Card Thickness 2.36mm
 Electrical Model Yes
 High Power Bay (30.0A or more) No
 Orientation Coplanar
 Overview [EdgeLine High-Speed Connectors](#)
 Product Name EdgeLine
 Standard Based General
 UPC 887191168760

Physical

(p)ower-(s)ignal Configuration 118s – 0p
 Circuit Size Range 65-200 Circuits
 Circuits (Loaded) 118
 Circuits (maximum) 118
 Color - Resin Black
 Durability (mating cycles max) 200
 Entry Angle N/A
 Keying to Mating Part N/A
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 25.145/g
 PCB Locator No
 PCB Thickness - Recommended 2.79mm
 Packaging Type Tray
 Pitch - Mating Interface 2.35mm
 Pitch - Termination Interface 0.80mm
 Plating min - Mating 0.762µm
 Plating min - Termination 0.762µm
 Polarized to Mating Part Yes
 Temperature Range - Operating -40° to +105°C



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

[170305](#) Series

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 250V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-170305-0001-001, AS-170305-0002-001
Electrical Model Document EE-170082-0001-001
Packaging Specification PK-170305-0001-001
Product Specification PS-170305-0001-001
S-Parameter Model SP-170082-0001-001
Sales Drawing SD-170305-0118
Symbol/Footprint Data SYM-170305-0118-001
Test Summary TS-170305-0001-001

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