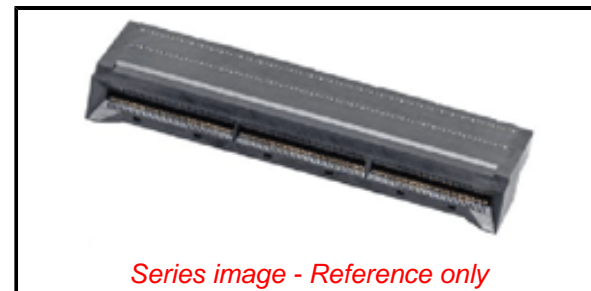


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Part Number: [1700820216](#)
Status: **Active**
Overview: [EdgeLine High-Speed Connectors](#)
Description: EdgeLine CoPlanar+ Connector, 15 Gbps, 0.80mm Pitch, 2.36mm PCB Thickness, 216 Circuits



Series image - Reference only

Documents:

3D Model	Application Specification AS-170305-0002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-170082-0001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-170082-0216-001 (PDF)
Product Specification PS-170305-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-170305-0001-001 (PDF)	

Application tooling part link

Application Tooling Part Link	62100-0600
Application Tooling Part Link	62202-2803

General

Product Family	Edge Card Connectors
Series	170082
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	884982519978

Physical

(p)ower-(s)ignal Configuration	216s - 0p
Circuit Size Range	201-294 Circuits
Circuits (Loaded)	216
Circuits (maximum)	216
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	36.603/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 +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

EU ELV

Not Relevant

EU RoHS

Not Reviewed

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

[170082 Series](#)

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

Solder Process Data

Lead-free Process Capability	N/A
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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-170082-0001-001
Product Specification	PS-170305-0001-001
S-Parameter Model	SP-170082-0001-001
Sales Drawing	SD-170082-0216
Symbol/Footprint Data	SYM-170082-0216-001

This document was generated on 07/30/2021

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[286-0052-12101A](#) [306022901000000](#) [307-012-502-202](#) [307-056-520-300](#) [2129318-1](#) [245-062-520-350](#) [287-0032-12101](#) [306-028-525-102](#)
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[CT100F22-2-D](#) [CT100F22-3-D](#) [CT100F24-2-D](#) [CT100F24-3-D](#) [CT100F24-6-C](#) [CT156F22-4-D](#)