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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

Documents:

3D Model	Application Specification AS-170305-0001 (PDF)
Drawing (PDF)	Application Specification AS-170305-0002 (PDF)
Product Specification PS-170305-0001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Edge Card Connectors
Series	170082
Application Tooling Part Link	62100-0600
Application Tooling Part Link	62202-2803
Circuit Size Range	201-294 Circuits
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

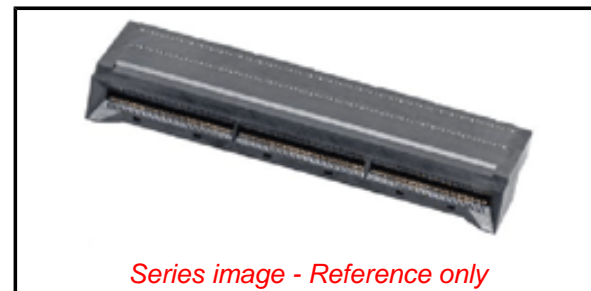
Physical

(p)ower-(s)ignal Configuration	216s - 0p
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 over Nickel
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°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

China RoHS

Green Image
Not Relevant

Search Parts in this Series

[170082](#) 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 #
10GB FRU Coplanar	0621000600
Extraction Tool	
Press-In Tool for	0622022803
12.5 Gbps Coplanar	

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-170305-0001, AS-170305-0002
Electrical Model Document	EE-170082-0001
Product Specification	PS-170305-0001
S-Parameter Model	SP-170082-0001
Sales Drawing	SD-170082-0216
Symbol/Footprint Data	SYM-170082-0216

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