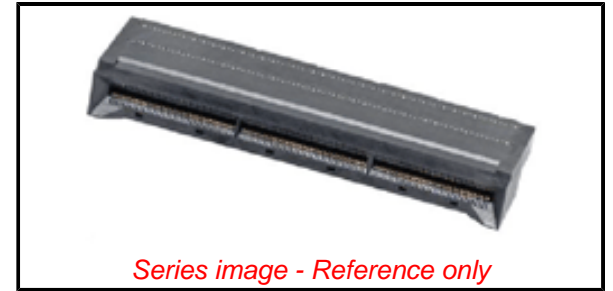


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170305-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-170082-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-170082-0216-001 (PDF)</a>
<a href="#">Product Specification PS-170305-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-170305-0001-001 (PDF)</a>	

**Application tooling part link**

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

**General**

Product Family	Edge Card Connectors
Series	<a href="#">170082</a>
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	<a href="#">EdgeLine High-Speed Connectors</a>
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](#)

**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 #**

Press-In Tool for	<a href="#">622022803</a>
12.5 Gbps Coplanar	

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 07/02/2021

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