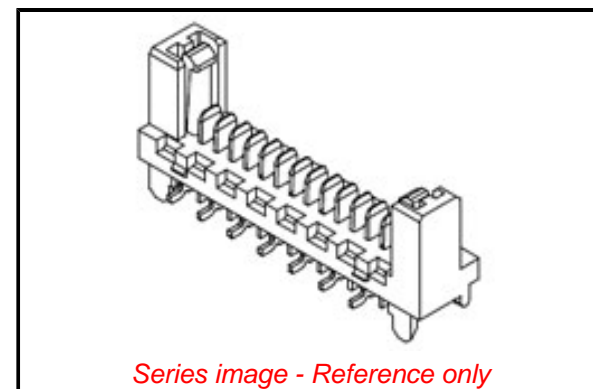


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**Part Number:** **0908160220**  
**Status:** **Active**  
**Overview:** Picoflex® Ribbon-Cable Connectors  
**Description:** Picoflex® Surface Mount Latched Vertical Header with PCB Pegs, 20 Circuits, Tin (Sn) Plating, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-90816-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90816-006 (PDF)</a>
<a href="#">Product Specification PS-99020-0011 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-90816-001-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	90816
Application	Signal, Wire-to-Board
Overview	Picoflex® Ribbon-Cable Connectors
Product Name	Picoflex®
UPC	883906498986

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	5
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.135/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	1.05mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.076µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

90816 Series

**Mates With**

90327 Picoflex® PF-50

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90816-001-001, PK-90816-006

PS-99020-0011, TS-90816-001-001

SD-90816-001

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