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Part Number: [0908160222](#)
Status: **Active**
Overview: [Picoflex® Ribbon-Cable Connectors](#)
Description: [Picoflex® Surface Mount Latched Vertical Header with PCB Pegs, 22 Circuits, Tin \(Sn\) Plating, Black](#)

Documents:

3D Model	Packaging Specification PK-90816-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90816-006 (PDF)
Product Specification PS-99020-0011 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification TS-90816-001-001 (PDF)	

General

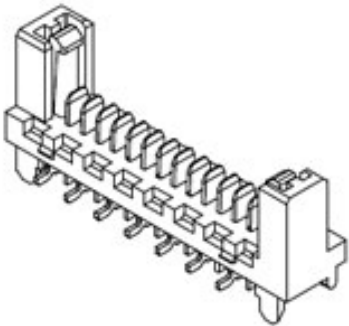
Product Family	PCB Headers
Series	90816
Application	Signal, Wire-to-Board
Overview	Picoflex® Ribbon-Cable Connectors
Product Name	Picoflex®
UPC	883906498993

Physical

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	1.233/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

Email 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	PK-90816-001-001, PK-90816-006
Product Specification	PS-99020-0011, TS-90816-001-001
Sales Drawing	SD-90816-001

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