molex®
one company > a world of innovation

Part Number: 91820-0808

P'FLEX SMT H'R HI-TEMP W PEGS SN 8CKT

Status:	**OBSOLETE**
Replacement:	908140808
Series:	91820
Category:	Ribbon Cable / Wire Trap Connectors
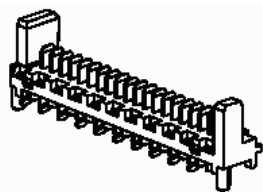
Series image - Reference only

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS: ⊖
REACH SVHC: Contains SVHC: No
Low-Halogen Status: Not Low-Halogen

Part Detail

General

Status	Obsolete
Category	Ribbon Cable / Wire Trap Connectors
Series	91820
Component Type	PCB Header
Glow-Wire Compliant	No
Product Name	Picoflex®

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
Entry Angle	Vertical
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Open Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
Wire Insulation Diameter	N/A
Wire Size AWG	N/A
Wire/Cable Type	Ribbon Cable

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	2.4A
Voltage - Maximum	250V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling
Check our list of old tooling that used to be available for this part