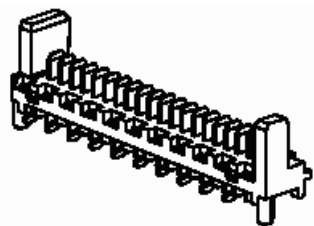


**Part Number: 91820-0318**

P'FLEX SMT H'R HI-TEMP NO PEGS 18CKT SN



Series image - Reference only

Status:	OBSOLETE
Replacement:	<u>908140618</u>
Series:	<u>91820</u>
Category:	Ribbon Cable / Wire Trap Connectors

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	<u>91820</u>
Component Type	PCB Header
Glow-Wire Compliant	No
Product Name	Picoflex®
Physical	
Circuits (Loaded)	18
Circuits (maximum)	18
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	No
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	No
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](#)