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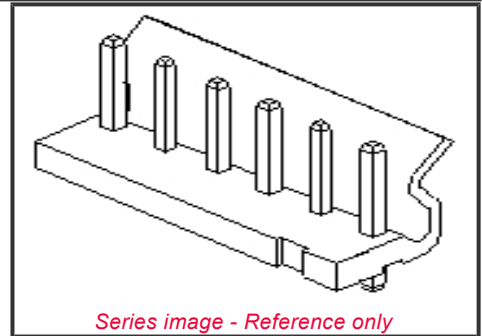
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Part Number:
0010321081

Status:
Active

Description:
5.08mm (.200") Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 8 Circuits

Documents: [Note - Please disable browser pop-up blockers for documents on www.molex.com](#)
[Drawing \(PDF\)](#) [Product Specification PS-5197-001 \(PDF\)](#)



EU RoHS
ELV and RoHS
Compliant

China RoHS



REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Reviewed

Need more information on product environmental compliance?Email productcompliance@molex.comFor a multiple part number RoHS Certificate of Compliance, [click here](#)Please visit the [Contact Us](#) section for any non-product compliance questions.**Search Parts in this Series**[5281](#)Series**Mates With**[5197](#) SPOX™ Crimp Terminal Housing[Product Specification PS-5197-003 \(PDF\)](#)**Order Products:****Part Detail:** ([show all](#))[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	PCB Headers
Series	5281
Application	Wire-to-Board
Product Name	SPOX™

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.142 In
PC Tail Length (mm)	3.60 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical(Please review the Product Specification for specific details.)

Current - Maximum per Contact	7A
Voltage - Maximum	250V

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

Material Info

Old Part Number	5281-08A
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Reference - Drawing Numbers

Product Specification	PS-5197-001, PS-5197-003, PS-5197-004, PS-5197-005, PS-5281-002, RPS-5197-001, RPS-5281-001
Sales Drawing	SD-5281-NA

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