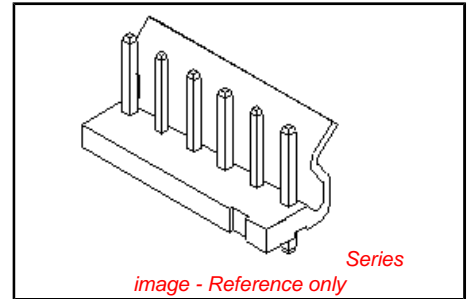


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Part Number: [0010321021](#)
Status: **Active**
Description: 5.08mm (.200") Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 2 Circuits

Documents:

3D Model	Product Specification PS-5197-004 (PDF)
Drawing (PDF)	Product Specification PS-5197-005 (PDF)
Product Specification PS-5197-001 (PDF)	Product Specification PS-5281-002 (PDF)
Product Specification PS-5197-003 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

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

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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

EU RoHS **China RoHS**

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For 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
[5281Series](#)

Mates With
[5197 SPOX™ Crimp Terminal Housing](#)

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
-40°C to +105°C
Through Hole

Electrical

Current - Maximum per Contact
Voltage - Maximum

7A
250V

Material Info

Old Part Number

5281-02A

Reference - Drawing Numbers

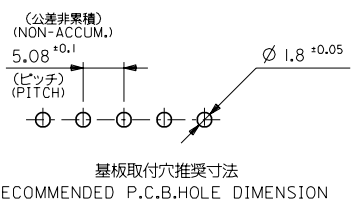
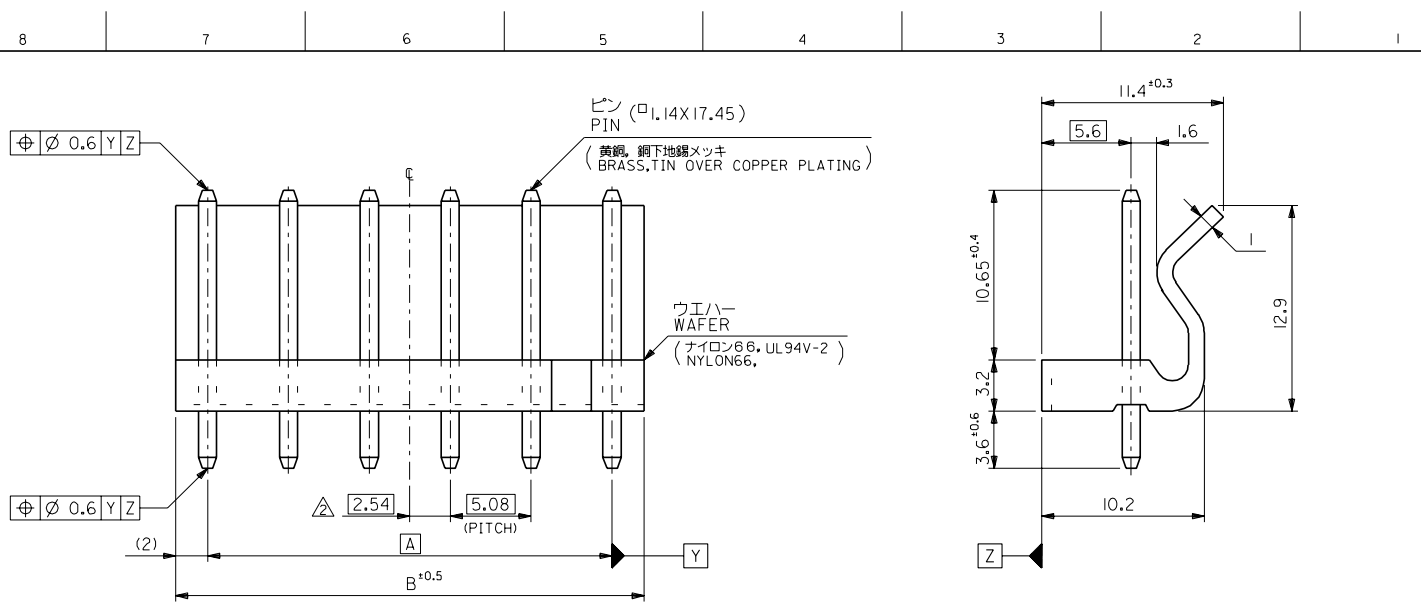
Product Specification

PS-5197-001, PS-5197-003, PS-5197-004,
PS-5197-005, PS-5281-002, RPS-5197-001,
RPS-5281-001
SD-5281-NA

Sales Drawing

This document was generated on 04/14/2010

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注記
NOTE

1 ワエハーのそりは、長さ 25.4 に対して0.24 MAX..
CAMBER MUST BE 0.24 MAX. PER 25.4
△ 全極数が偶数の場合のみ適用。
TO BE APPLIED ONLY WHEN ALL CKTS. ARE EVEN.

角度 ANGLE	±3°				
30 以上 OVER	±0.3				
10 以上 未満 OVER 30 UNDER	±0.25	E	変更 REVISD	LCR0668	11/11/05
10 未満 UNDER	±0.2	D	再確認&変更 REDRAWN & REVISED	LM0394	11/11/05
一般公差 GENERAL TOLERANCES					

44.64	40.64	10-32-109I	5281-09A	9
39.56	35.56	▲ -108I	▲ -08A	8
34.48	30.48	-107I	-07A	7
29.4	25.4	-106I	-06A	6
24.32	20.32	-105I	-05A	5
19.24	15.24	-104I	-04A	4
14.16	10.16	▼ -103I	▼ -03A	3
9.08	5.08	10-32-102I	5281-02A	2
B	A	EDP NO.	ENG. NO.	極数 NO. OF CKTS.

材料 MATERIAL 図中参照 SEE DRAWING

仕上げ FINISH —

適用電線範囲 WIRE RANGE —

被覆外径 INS. RANGE —

DRAWN BY 34/05/28 H.HASEGAWA
CHK'D BY 34/03/25 S.A.M.FUKUSHIMA

APP'D BY 34/03/25 尺屋 M.FUKUSHIMA

DWG. NO. SD-5281-NA

REV E

MOLEX MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称 KK 5.08 WAFER ASS'Y WITH LOCK

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