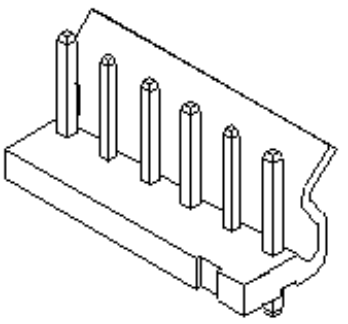
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Part Number: 0010321061
Status: Active
Description: 5.08mm (.200") Pitch SPOX™ Wire-to-Board Header, Vertical, with Friction Lock, 6 Circuits



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-5197-001 (PDF)
- Product Specification PS-5197-003 (PDF)
- Product Specification PS-5197-004 (PDF)
- Product Specification PS-5197-005 (PDF)
- Product Specification PS-5281-002 (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)	6
Circuits (maximum)	6
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
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

China RoHS

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)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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

Material Info

Old Part Number	5281-06A

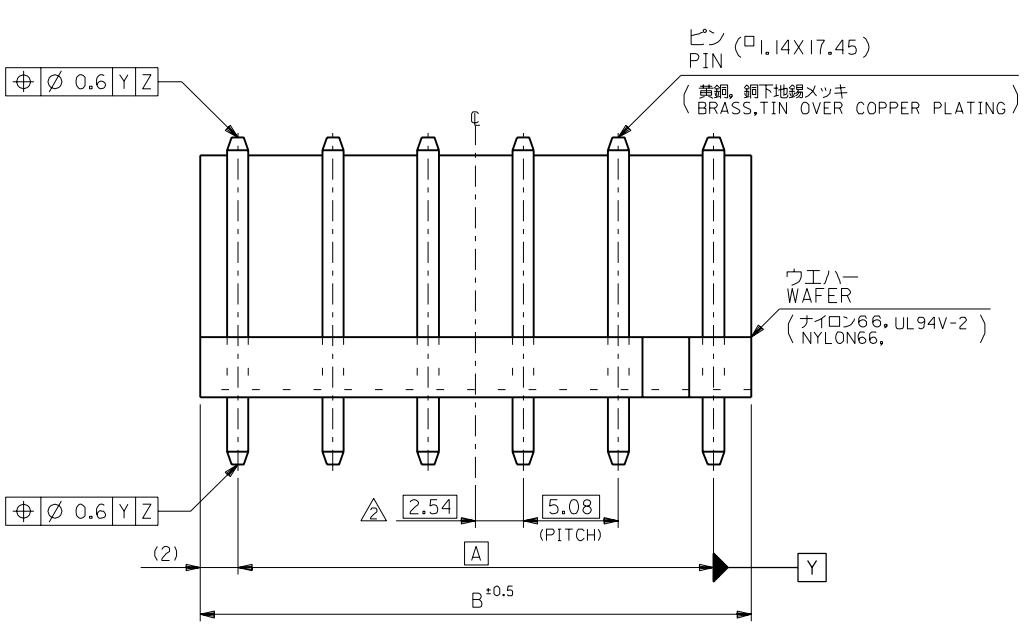
Reference - Drawing Numbers

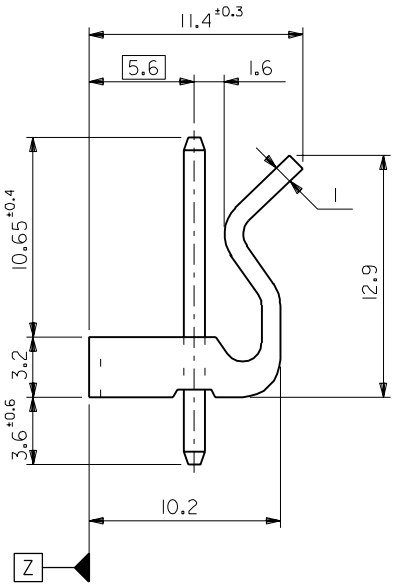
Product Specification	PS-5197-001, PS-5197-003, PS-5197-004, PS-5197-005, PS-5281-002, RPS-5197-001, RPS-5281-001
Sales Drawing	SD-5281-NA

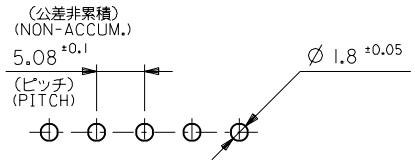
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DWG. NO. SD-5281-NA







基板取付穴推奨寸法
RECOMMENDED P.C.B.HOLE DIMENSION

注記
NOTE

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

B	A	EDP NO.	ENG. NO.	極数 NO. OF CKTS.
44.64	40.64	10-32-1091	5281-09A	9
39.56	35.56	-1081	-08A	8
34.48	30.48	-1071	-07A	7
29.4	25.4	-1061	-06A	6
24.32	20.32	-1051	-05A	5
19.24	15.24	-1041	-04A	4
14.16	10.16	-1031	-03A	3
9.08	5.08	10-32-1021	5281-02A	2

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 30 未満 OVER UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR.	日付 DATE
E	変更 REVISED (JC60668)	T.Y. M.F	'96/03/25
D	再作図&変更 REDRAWN & REVISED (J40394)	h.h H.H	'94/05/26

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 '94/05/26 H.HASEGAWA
CHK'D BY '96/03/25 S.A M.FUKUSHIMA
APP'D BY '96/03/25 M.FUKUSHIMA
尺度 SCALE 4 : 1

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

DWG. NO. SD-5281-NA
REV E

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EN-01C(032)MXJ-32

5281.S11

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING