

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0022057105  
**Status:** Active  
**Description:** 2.50mm (.098") Pitch SPOX™ Wire-to-Board Header, Right Angle, Shrouded, Friction Lock, 10 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-5264-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

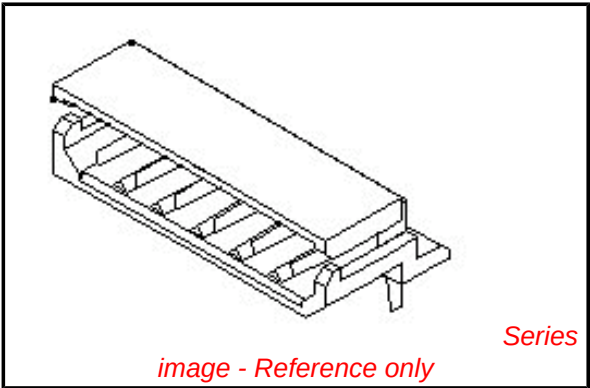
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series 5268  
Application Wire-to-Board  
Product Name SPOX™

**Physical**

Breakaway No  
Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Natural  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Number of Rows 1  
Orientation Right Angle  
PC Tail Length (in) 0.138 In  
PC Tail Length (mm) 3.50 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) 0.098 In  
Pitch - Mating Interface (mm) 2.50 mm  
Plating min: Mating (µin) 160  
Plating min: Mating (µm) 4  
Plating min: Termination (µin) 160  
Plating min: Termination (µm) 4  
Polarized to Mating Part Yes  
Polarized to PCB No  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
5268Series

**Mates With**  
5264 SPOX™ Wire-to-Board Crimp Housing

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3A   |
| Voltage - Maximum             | 250V |

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5268-10A |
|-----------------|----------|

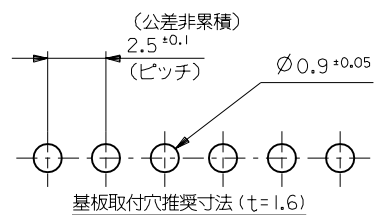
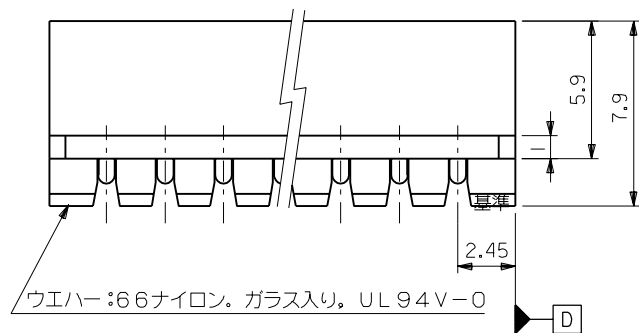
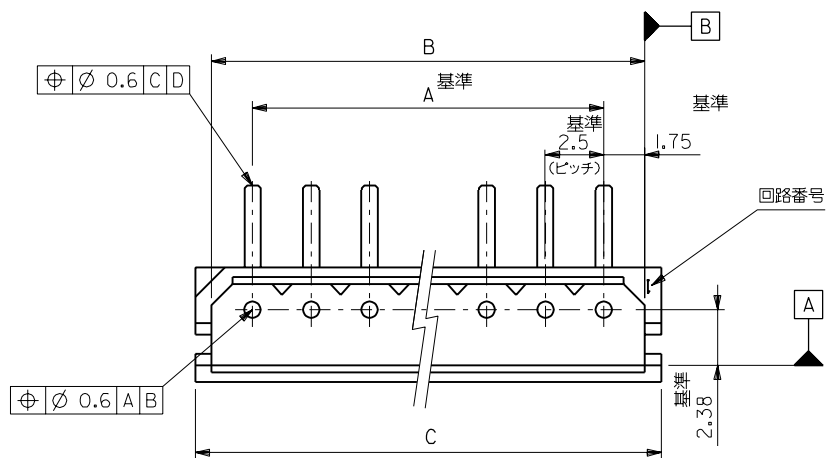
**Reference - Drawing Numbers**

|                         |                                         |
|-------------------------|-----------------------------------------|
| Packaging Specification | SPK-5268-001                            |
| Product Specification   | PS-5264-001, RPS-5264-005, RPS-5268-001 |
| Sales Drawing           | SD-5268-NA                              |

This document was generated on 05/12/2010

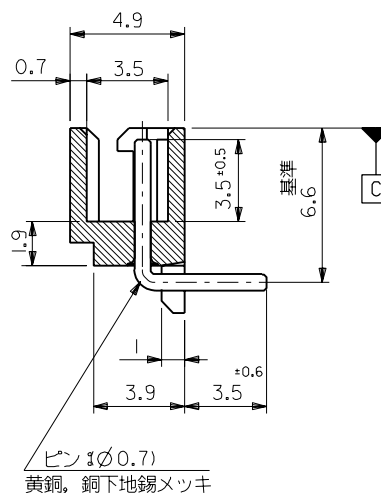
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NOTE:

1. 嵌合相手：5264シリーズ



|      |      |      |            |          |    |
|------|------|------|------------|----------|----|
| 39.9 | 38.5 | 35   | 22-05-7155 | 5268-15A | 15 |
| 37.4 | 36   | 32.5 | ↗ -7145    | ↗ -14A   | 14 |
| 34.9 | 33.5 | 30   | ↗ -7135    | ↗ -13A   | 13 |
| 32.4 | 31   | 27.5 | ↗ -7125    | ↗ -12A   | 12 |
| 29.9 | 28.5 | 25   | ↗ -7115    | ↗ -11A   | 11 |
| 27.4 | 26   | 22.5 | ↗ -7105    | ↗ -10A   | 10 |
| 24.9 | 23.5 | 20   | ↗ -7095    | ↗ -09A   | 9  |
| 22.4 | 21   | 17.5 | ↗ -7085    | ↗ -08A   | 8  |
| 19.9 | 18.5 | 15   | ↗ -7075    | ↗ -07A   | 7  |
| 17.4 | 16   | 12.5 | ↗ -7065    | ↗ -06A   | 6  |
| 14.9 | 13.5 | 10   | ↗ -7055    | ↗ -05A   | 5  |
| 12.4 | 11   | 7.5  | ↘ -7045    | ↘ -04A   | 4  |
| 9.9  | 8.5  | 5    | ↘ -7035    | ↘ -03A   | 3  |
| 7.4  | 6    | 2.5  | 22-05-7025 | 5268-02A | 2  |
| C    | B    | A    | EDP NO.    | ENG.NO.  | 極數 |

|             |                    |
|-------------|--------------------|
| 角度          | ANGLE              |
| 30 以上       | OVER               |
| 10 以上 30 未満 | OVER UNDER         |
| 10 未満       | UNDER              |
| 一般公差        | GENERAL TOLERANCES |

|                                  |                 |                 |      |     |       |
|----------------------------------|-----------------|-----------------|------|-----|-------|
|                                  |                 |                 |      |     |       |
|                                  |                 |                 |      |     |       |
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|                                  |                 |                 |      |     |       |
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|                                  |                 |                 |      |     |       |
|                                  |                 |                 |      |     |       |
| 8                                |                 |                 |      |     |       |
| 25                               | C               | 再作図及び変更(JI0590) | K-1  | H,H | 9/17/ |
| 記号                               | 変更内容            | DR              | DATE |     |       |
| LTR                              | REVISION RECORD | CHK.            |      |     |       |
| <b>REVISE ONLY ON CAD SYSTEM</b> |                 |                 |      |     |       |

|                                 |                        |  |
|---------------------------------|------------------------|--|
| 材料<br>MATERIAL                  |                        |  |
| 仕上げ<br>FINISH                   |                        |  |
| 適用電線範囲<br>WIRE RANGE            |                        |  |
| 被覆外径<br>INS. RANGE              |                        |  |
| DRAWN BY<br>K.TOJO '91/7/26     | CHK'D BY '92/08/31     |  |
| APP'D BY<br>M.ENOMOTO '92/08/31 | H.H<br>尺度<br>SCALE 5-1 |  |

|                                                                                                                           |     |
|---------------------------------------------------------------------------------------------------------------------------|-----|
|  MOLEX-JAPAN CO.,LTD.<br>日本モレックス株式会社 |     |
| EDP. NO.                                                                                                                  |     |
| 22-05-7**5                                                                                                                |     |
| ENG. NO.                                                                                                                  | REV |
| SD-5268-NA                                                                                                                | C   |
| TITLE 名称                                                                                                                  |     |
| 2.5 LOW PROFILE                                                                                                           |     |
| WAFER ASS'Y 90° BEND                                                                                                      |     |

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