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Part Number: [0532580529](#)
Status: **Active**
Description: 3.50mm (.138") Pitch Header, Vertical, Lead-free, 5 Circuits, Brass (CuZn) Contact

Documents:

[3D Model](#) [Product Specification PS-51067-019 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

TUV R72081037
UL E29179

General

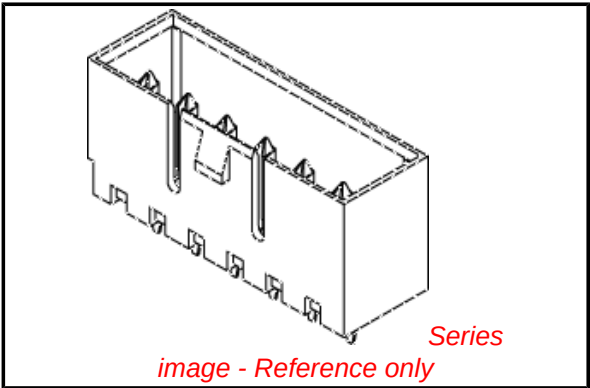
Product Family PCB Headers
Series [53258](#)
Application Wire-to-Board
Product Name N/A

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Vertical
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 Tray
Pitch - Mating Interface (in) 0.138 In
Pitch - Mating Interface (mm) 3.50 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
Polarized to PCB No
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5.5A
Voltage - Maximum 250V



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
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
[53258Series](#)

Mates With
[51067](#) Wire-to-Wire and Wire-to-Board
Housing

Material Info

Reference - Drawing Numbers

Product Specification

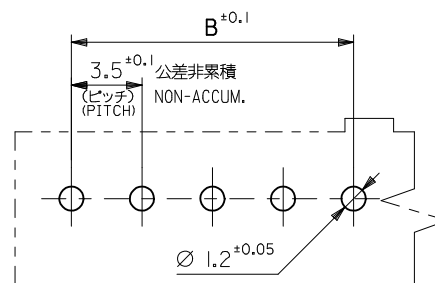
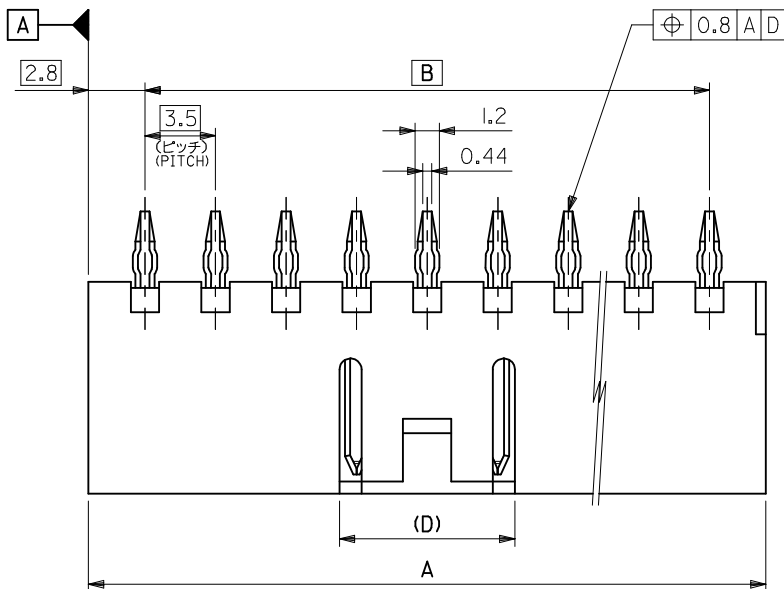
PS-51067-019, RPS-51067-002, RPS-51067-019,
RPS-51067-025, RPS-51067-028, RPS-51067-035,
RPS-51067-041
SD-53258-005

Sales Drawing

This document was generated on 04/16/2010

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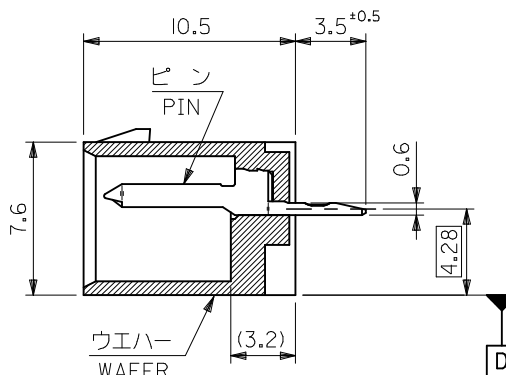
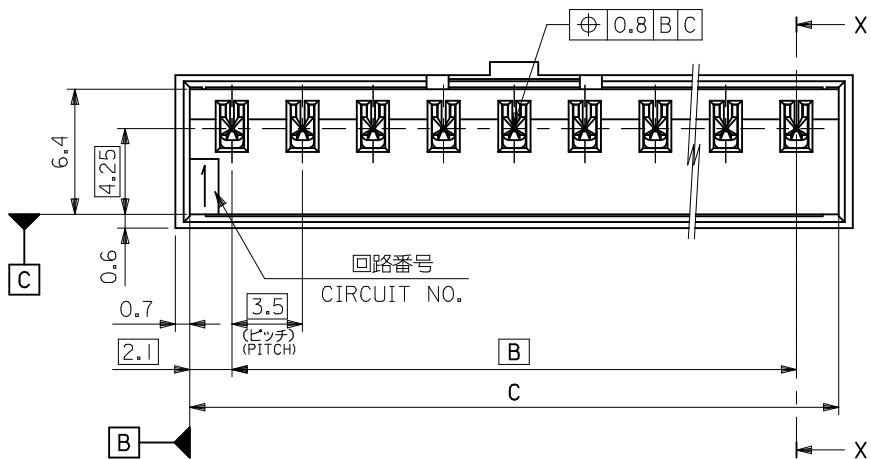
10 9 8 7 6 5 4 3 2 1



注記 NOTES

1. 嵌合相手 : 51067 シリーズ
MATE WITH : 51067 SERIES
2. 材質
MATERIAL
ウエハー : PBTP (ガラス15%入り) 、UL94V-0
WAFER : PBTP (G.F 15%) ,UL94V-0
ピン : 黄銅、ニッケル下地 鍍メッキ (t=0.254)
PIN : BRASS
TIN OVER NICKEL PLATING (t=0.254)
3. 本製品は 53258-**-20 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53258-**-20.
4. メッキ仕様
TERMINAL PLATING
表面メッキ : スズメッキ 1μm MIN.
SURFACE PLATE : TIN 1μm MIN.
下地メッキ : ニッケルメッキ 1μm MIN.
UNDER PLATE : NICKEL 1μm MIN.

基板取付穴推奨寸法 (参考) (t=1.6)
RECOMMENDED P.C. BOARD HOLE DIM. (REF.)



SECT-X-X

8.7	53.2	49.0	54.6	53258-1529	15
49.7	45.5	51.1		-1429	14
46.2	42.0	47.6		-1329	13
42.7	38.5	44.1		-1229	12
39.2	35.0	40.6		-1129	11
35.7	31.5	37.1		-1029	10
32.2	28.0	33.6		-0929	9
28.7	24.5	30.1		-0829	8
25.2	21.0	26.6		-0729	7
21.7	17.5	23.1		-0629	6
18.2	14.0	19.6		-0529	5
8.7	14.7	10.5	16.1	-0429	4
6.1	11.2	7.0	12.6	-0329	3
6.1	7.7	3.5	9.1	53258-0229	2
(D)	C	B	A	MATERIAL NO.	CKT. 極致

MODEL NO. 53258-**-29

REVISED EC NO.: J2007-0432 DWG/KS1 T001 CHKD: THARUYAWA APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T. UENO		DATE 2004/04/22		TITLE 3.5 WIRE TO BOARD CONN -LEAD FREE-		
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO		DATE 2004/04/22				
		30 OVER	± 0.3	APPROVED BY M. SASAO		DATE 2004/04/22				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53258-005		1 OF 1		
		A		REV	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MATERIAL
材料
注記参照
SEE NOTES