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Part Number: [0532583002](#)
Status: **Active**
Description: 3.50mm (.138") Pitch Header, Vertical, Lead-free, 2 Circuits, Phosphor Bronze (CuSn) Contact

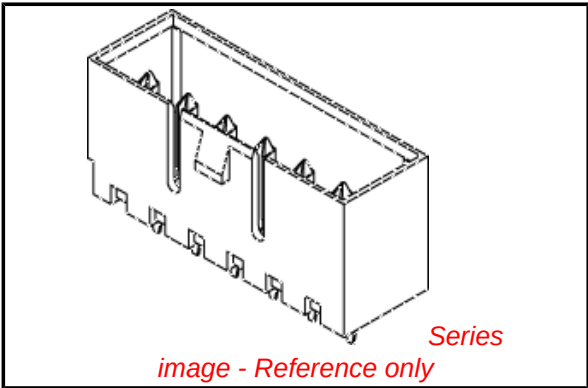
Documents:
[3D Model](#) [Product Specification PS-51067-022 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
UL E29179

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

Physical
Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural
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 Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
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



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

Current - Maximum per Contact	4.5A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51067-022, RPS-51067-027, RPS-51067-034, RPS-51067-036
Sales Drawing	SD-53258-008

This document was generated on 04/16/2010

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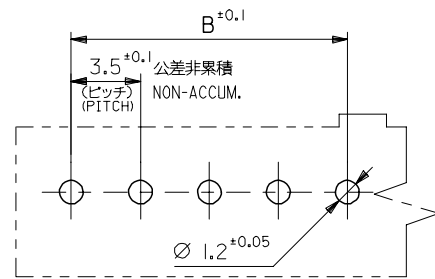
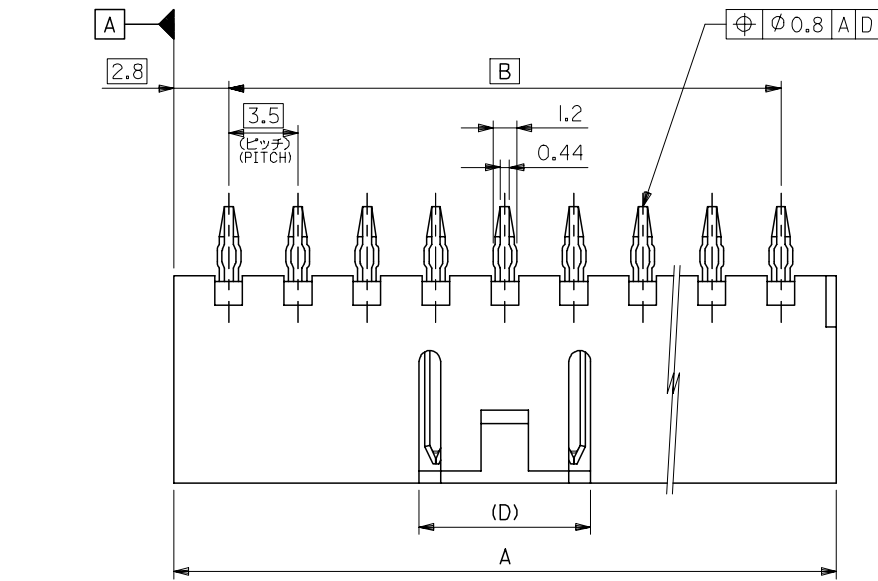
E

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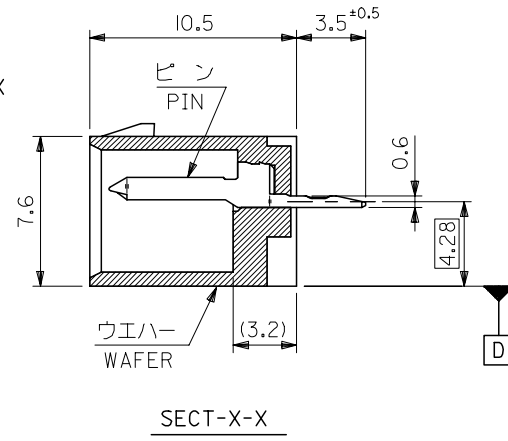
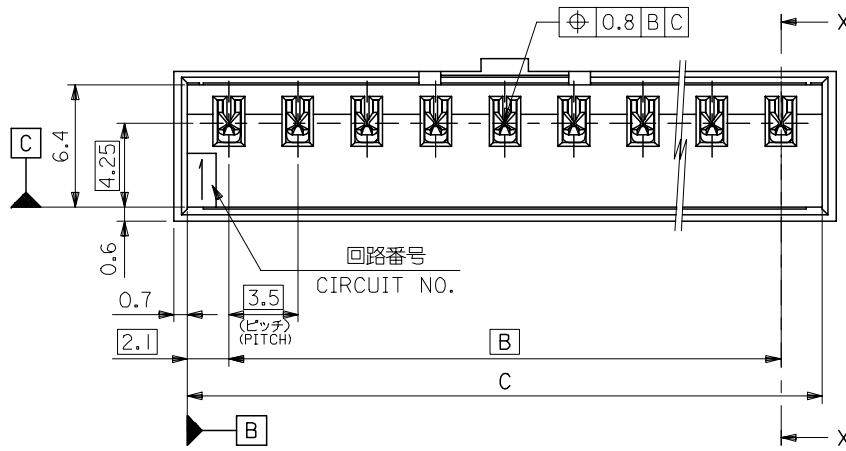
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A



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



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
WAFFER : PBTP (G.F 15%), UL94V-0
ピン : リン青銅 ニッケル下地 錫メッキ (t=0.254)
PIN : PHOS. BRO.
TIN OVER NICKEL PLATING (t=0.254)

3. MATERIAL NO. の説明
LEGEND

53258-3***	Ver	色番号	極数
0	自然色 (NATURAL)	1	黒 (BLACK)
1	黒 (BLACK)	2	赤 (RED)
2	赤 (RED)	3	黄 (YELLOW)
3	黄 (YELLOW)	4	青 (BLUE)
4	青 (BLUE)	5	ピンク (PINK)
5	ピンク (PINK)	6	緑 (GREEN)

4. 本製品は 53258-***1* の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53258-***1*.

8.7	53.2	49.0	54.6	53258-3*15	15
↑	49.7	45.5	51.1	↑ -3*14	14
	46.2	42.0	47.6	-3*13	13
	42.7	38.5	44.1	-3*12	12
	39.2	35.0	40.6	-3*11	11
	35.7	31.5	37.1	-3*10	10
	32.2	28.0	33.6	-3*09	9
	28.7	24.5	30.1	-3*08	8
	25.2	21.0	26.6	-3*07	7
	21.7	17.5	23.1	-3*06	6
↓	18.2	14.0	19.6	↓ -3*05	5
	14.7	10.5	16.1	-3*04	4
	11.2	7.0	12.6	-3*03	3
	7.7	3.5	9.1	53258-3*02	2
(D)	C	B	A	3. MATERIAL NO.	CKT. 極数

RELEASED EC NO: J2005-4783 DRWN:NAIDA CHKD:KTOJO APPR:NUKITA REV: 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY N.AIDA	DATE '04/12/16	TITLE 3.5 WIRE TO BOARD CONN WAFER ASSY (ST) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOJO	DATE '04/12/16					
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE '04/12/16	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.	DOCUMENT NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53258-008				
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						