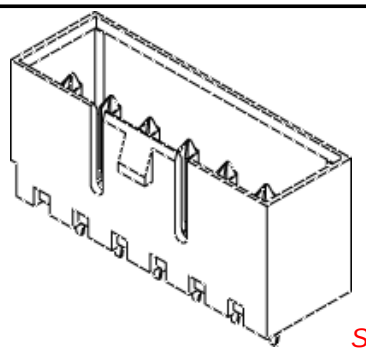
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0532583005

Status: Active

Description: 3.50mm (.138") Pitch Header, Vertical, Lead-free, 5 Circuits, Phosphor Bronze (CuSn) Contact



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51067-022 (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)	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	Phosphor Bronze
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	4.5A
Voltage - Maximum	250V

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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
53258Series

Mates With
51067 Wire-to-Wire and Wire-to-Board Housing

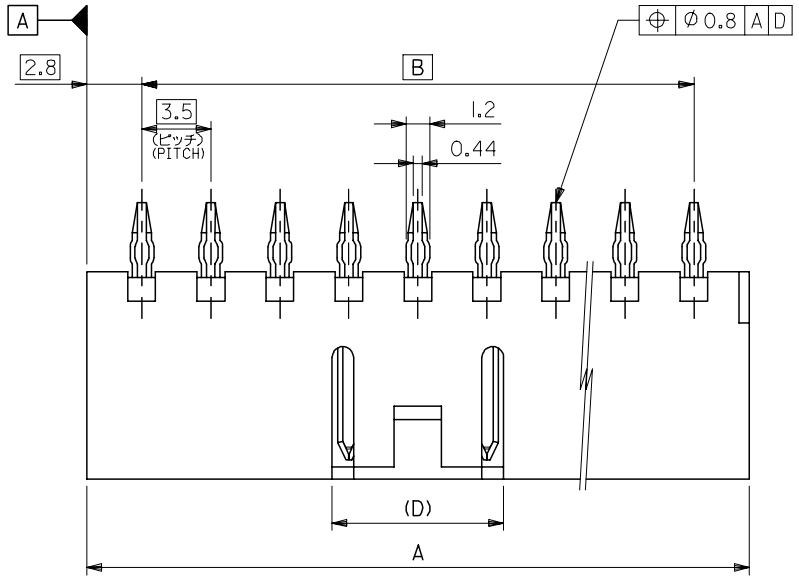
Material Info

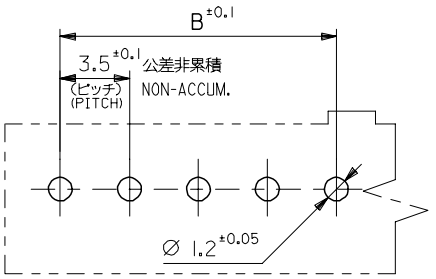
Reference - Drawing Numbers

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

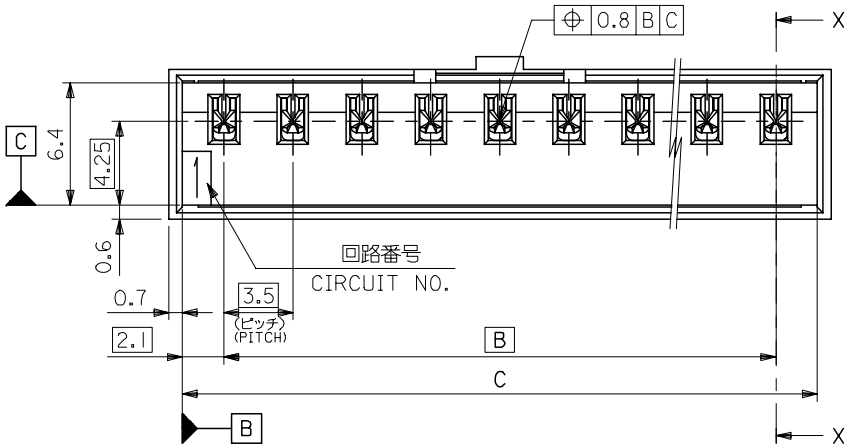
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

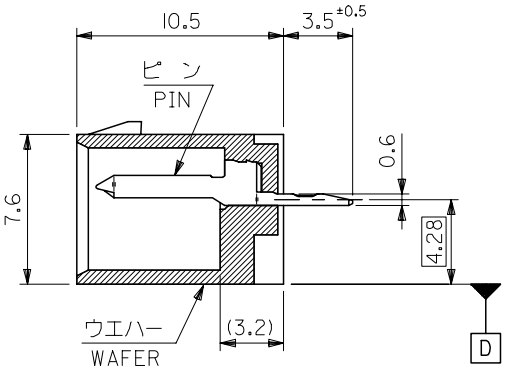




基板取付穴推奨寸法（参考）（t＝1．6）

RECOMMENDED P.C. BOARD HOLE DIM. (REF.)





SECT-X-X

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　：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)
2 赤 (RED)
3 黄 (YELLOW)
4 青 (BLUE)
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*.

(D)	C	B	A	3. MATERIAL NO.	CKT. 極数
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
8.7	14.7	10.5	16.1	-3*04	4
6.1	11.2	7.0	12.6	↓ -3*03	3
6.1	7.7	3.5	9.1	53258-3*02	2

MODEL NO. 53258-3***

RELEASED
EC NO: J2005-1783
DRWN:NAIDA 2005/01/07
CHKD:KTOJO 2005/01/08
APPR:NUKITA 2005/01/13
REV 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: N.AIDA DATE: '04/12/16
CHECKED BY: K.TOJO DATE: '04/12/16
APPROVED BY: N.UKITA DATE: '04/12/16
MATERIAL NO.: SEE CHART

TITLE: 3.5 WIRE TO BOARD CONN WAFER ASSY (ST) -LEAD FREE-

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-53258-008
SHEET NO.: 1 OF 1

SIZE A3

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