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Part Number: [0537210270](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Header, Vertical, with Plastic Snap-fit Peg, with Phosphor Bronze (CuSn) Alloy Contacts, Lead-free, 2 Circuits

Documents:
[3D Model](#) [Product Specification PS-51142-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [53721](#)
Application Wire-to-Board
Product Name N/A

Physical
Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Durability (mating cycles max) 30
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
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 2
Orientation Vertical
PC Tail Length (in) 0.150 In
PC Tail Length (mm) 3.80 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.156 In
Pitch - Mating Interface (mm) 3.96 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1
Polarized to PCB Yes
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 10A
Voltage - Maximum 600V

Material Info

Reference - Drawing Numbers
Product Specification PS-51142-003, RPS-51142-007

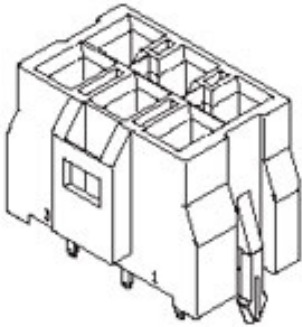


image - Reference only

Series

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
[53721Series](#)

Mates With
[51142 Wire-to-Board Receptacle Housing](#)

This document was generated on 04/16/2010

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DWG. NO.

SD-53721-001

E

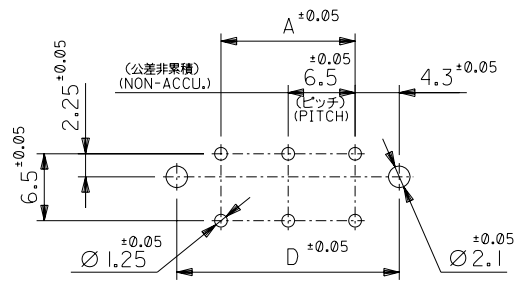
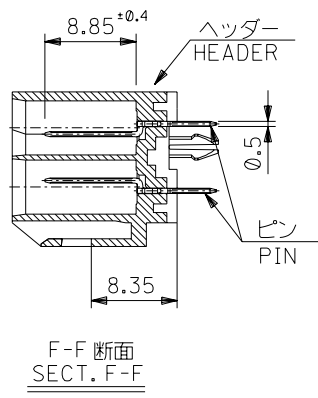
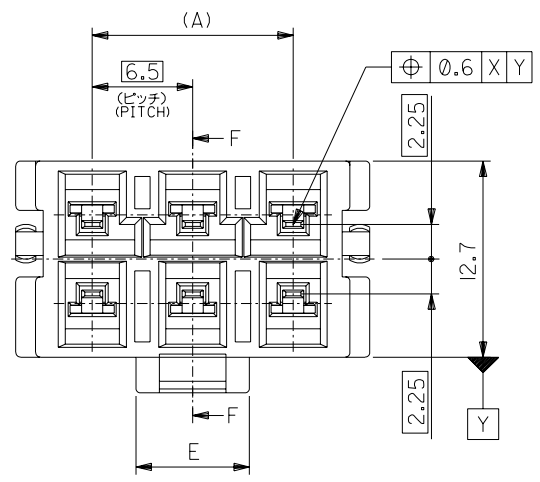
D

C

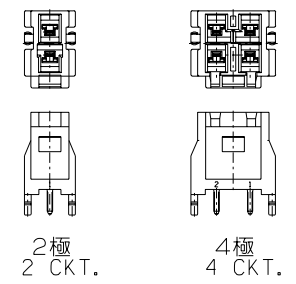
B

A

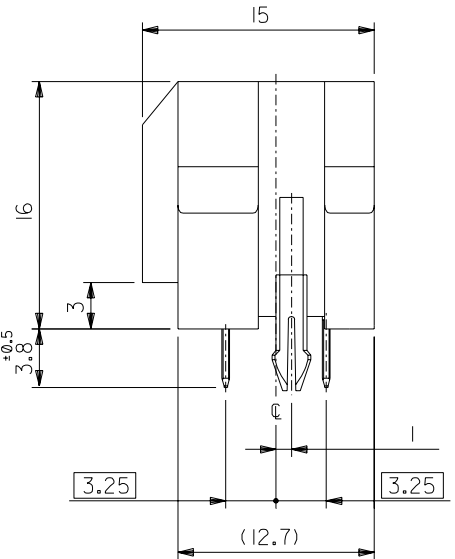
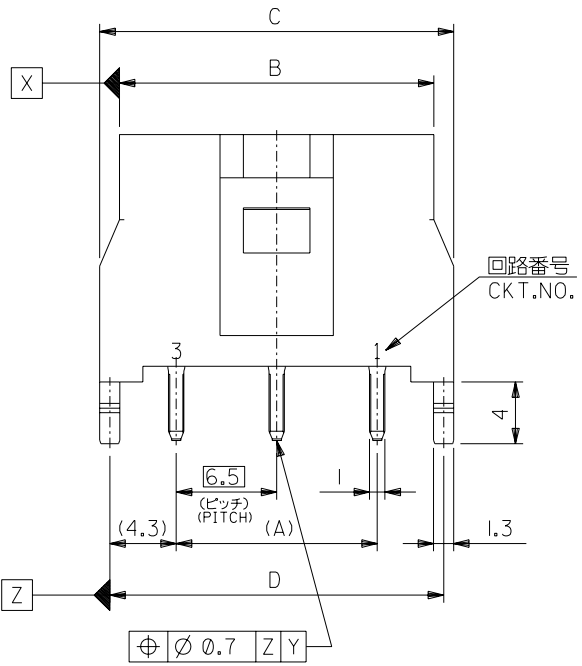
ALL DIMENSIONS IN METRIC DO NOT SCALE DRAWING



基板取り付け穴推奨寸法 (マウント面)
(基板厚: t1.6mm)
RECOMMENDED P.C. BOARD HOLE
DIM. (MOUNTING SIDE)
(THK.: t1.6mm)



ロック形状図
LOCK CONFIGURATION



注記
NOTES

- 1 嵌合相手: 51142シリーズ
MATE WITH: 51142 SERIES
- 2 材質 MATERIAL
ピン: 銅合金, ニッケル下地錫メッキ (t0.5)
PIN: COPPER ALLOY, TIN OVER NICKEL PLATED (t0.5)
ヘッダー: 66NYLON (ガラス入: 25%), UL94V-0
HEADER: 66NYLON (G.F.: 25%), UL94V-0
- 3 本製品は 53721-**-10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 53721-**-10.

53721-**-70		7.34	21.6	22.9	20.34	13	53721-0670	6
MODEL NO.		10.74	15.1	16.4	13.84	6.5	53721-0470	4
		7.34	8.6	9.9	7.34	—	53721-0270	2
		E	D	C	B	A	MATERIAL NO.	極数 CKT.
		材料 MATERIAL		注記参照 SEE NOTES		molex MOLEX-JAPAN CO., LTD. 日本モレックス株式会社		
		仕上げ FINISH		—		REVISE ONLY ON CAD SYSTEM		
		適用電線範囲 WIRE RANGE		—		TITLE 名称 6.5 WIRE TO BOARD CONN. HEADER ASS'Y (WITH PEG) -LEAD FREE-		
		被覆外径 INS. RANGE		—		DRAWN BY '04/04/06 M.NABEI		
		CHK'D BY '04/04/06 K.TOJO		APP'D BY '04/04/06 M.SASAO		DWG. NO. SD-53721-001		REV 0
		角度 ANGLE		±3°		M.N. '04/04/06		
		30°以上 OVER		±0.3		M.S. '04/04/06		
		10°以上 30°未満 OVER UNDER		±0.25		DR. '04/04/06		
		10°未満 UNDER		±0.2		DATE		
		一般公差 GENERAL TOLERANCES		記号 LTR		REVISION RECORD		