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Part Number: [0557550219](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Wire-to-Board Header, Vertical, Shrouded, Kinked PC Tail, with Inner Positive Lock, 2 Circuits, Lead-free

Documents:
[3D Model](#) [Product Specification PS-51216-007 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [55755](#)
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
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Mated Height (in) 0.530 In
Mated Height (mm) 13.45 mm
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.130 In
PC Tail Length (mm) 3.30 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) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Plating min: Mating (µin) 40
Plating min: Mating (µm) 1.00
Plating min: Termination (µin) 40
Plating min: Termination (µm) 1.00
Polarized to Mating Part Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -25°C to +85°C
Termination Interface: Style Through Hole

Electrical
Current - Maximum per Contact 2.5A

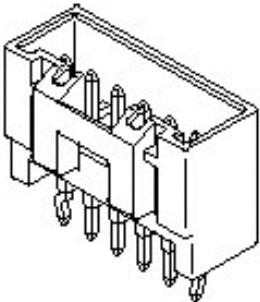


image - Reference only

Series

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
[55755Series](#)

Mates With
[51216](#) Wire-to-Board and Wire-to-Wire
Receptacle Housing

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Product Specification

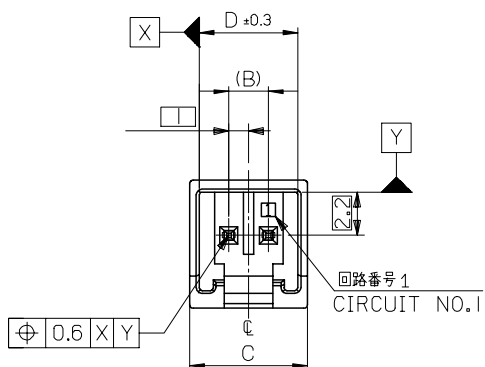
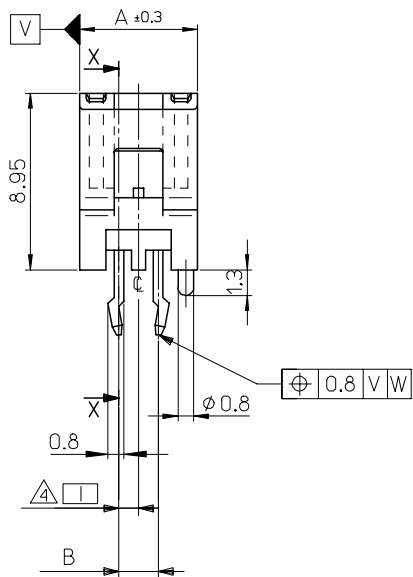
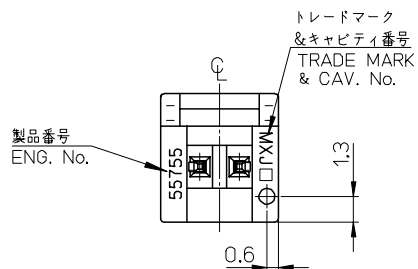
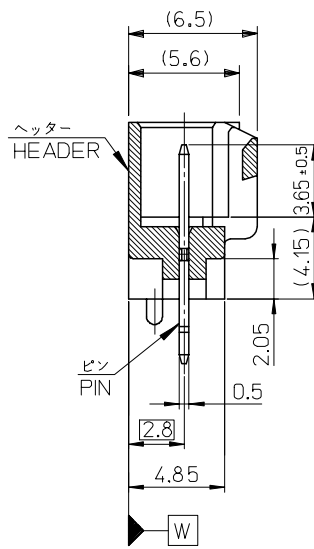
PS-51216-007, RPS-51216-008, RPS-51216-011

Sales Drawing

SD-55755-005

This document was generated on 04/16/2010

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SECT. X-X

注記
NOTES

- 材料 MATERIAL
ピン : 黄銅, 銅下地 錫メッキ
PIN : BRASS, TIN OVER CU PLATED
ヘッダー : 66ナイロン (ガラス入り: 20%), UL94V-0
(色: 自然色)
HEADER : NYLON66(G.F.: 20%), UL94V-0
(COLOR: NATURAL)
- 嵌合相手 : 51216シリーズ
MATE WITH : 51216 SERIES
- ソルダーテールキンクは、両端のピンのみとする。
KINK TO BE APPLIED FOR 2 PINS AT BOTH ENDS.
- 偶数極に適用。
APPLY EVEN CIRCUIT PRODUCTS.
- 本製品は 55755-**10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 55755-**10.

5	6	2	6	55755-0219	2
D	C	B	A	MATERIAL NO.	CKT.

55755-**19 MODEL NO.

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

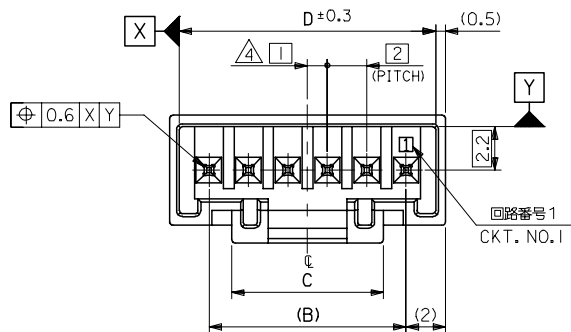
2.0 MM WIRE TO BOARD
CONN. HEADER ASSY (ST)
-LEAD FREE-

MOLEX INCORPORATED

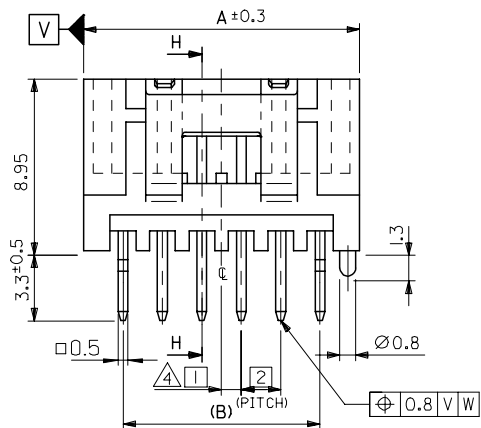
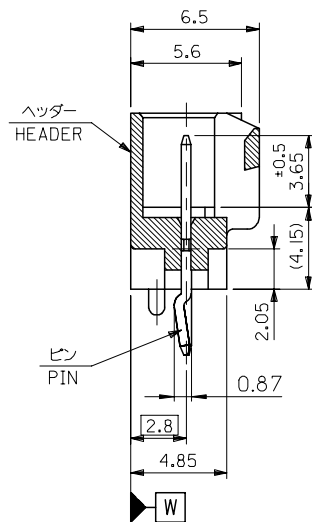
DOCUMENT NO. SD-55755-005

SHEET NO. 1 OF 3

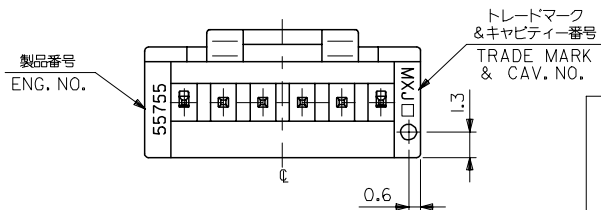
RELEASED EC NO: J2005-2113 DRAWN:MABEL CHKD:K TOYODA APPR:NUKITA	2005/01/24 2005/01/25 2005/01/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		MODEL NO.	THIRD ANGLE PROJECTION
			10 UNDER	±0.2	DRAWN BY M. NABE I	DATE '05/01/24	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-	MOLEX INCORPORATED			
			10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/01/24					
			30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/01/24				DOCUMENT NO. SD-55755-005	SHEET NO. 1 OF 3
			ANGULAR ±3 °		MATERIAL NO.		SEE CHART				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



3極以上品

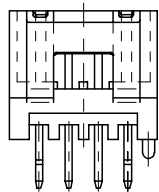


SECT H-H

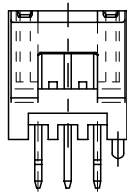


31	7.7	28	32	55755-1519	15
29		26	30	-1419	14
27		24	28	-1319	13
25		22	26	-1219	12
23		20	24	-1119	11
21		18	22	-1019	10
19		16	20	-0919	9
17		14	18	-0819	8
15		12	16	-0719	7
13		10	14	-0619	6
11		8	12	-0519	5
9		6	10	-0419	4
7	7.7	4	8	55755-0319	3
D	C	B	A	MATERIAL NO.	CKT.

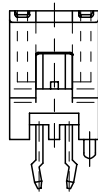
RELEASED EC NO: J2005-2113 DRAWN: MABEI CHKD: K. TOYODA APPR: NUKITA 2005/01/24 2005/01/25 2005/01/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
		10 UNDER ± 0.2	M. NABEI	DATE '05/01/24	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-				
		10 OVER 30 UNDER ± 0.25	CHECKED BY K. TOYODA	DATE '05/01/24					
		30 OVER ± 0.3	APPROVED BY N. UKITA	DATE '05/01/24					
	ANGULAR ± 3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-55755-005		SHEET NO. 2 OF 3		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	REV 0								



4 CKTS.



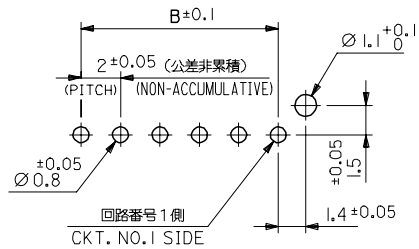
3 CKTS.



2 CKTS.

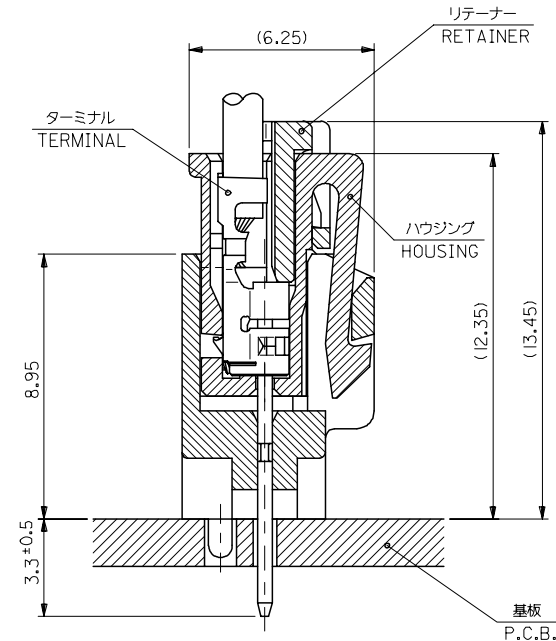
極致レイアウト図

LAYOUT OF EACH CKTS.



基板取付穴推奨寸法 (マウント面)

RECOMMENDED P.C.BOARD
HOLE DIMENSION
(MOUNTING SIDE)
(t=1.6)



MATED DRAWING (REF.)

RELEASED EC NO: J2005-2113 DRWN:MABEI CHKD:KTOYODA APPR:NUKITA 0	DESCRIPTION 2005/01/24 2005/01/25 2005/01/28	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 		
		10 UNDER	±0.2	DRAWN BY M.NABEI	DATE '05/01/24	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE '05/01/24					
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE '05/01/24	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1,2		SD-55755-005			3 OF 3	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									