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Part Number: [0557551119](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Wire-to-Board Header, Vertical, Shrouded, Kinked PC Tail, with Inner Positive Lock, 11 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)	11
Circuits (maximum)	11
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
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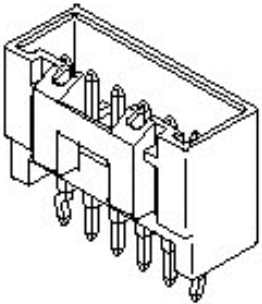


image - Reference only

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

[55755Series](#)

Mates With

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

Voltage - Maximum

250V

Material Info

Reference - Drawing Numbers

Product Specification

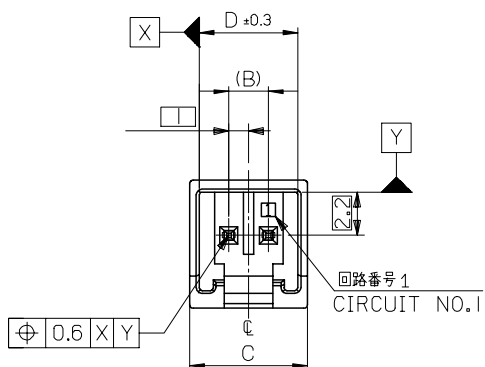
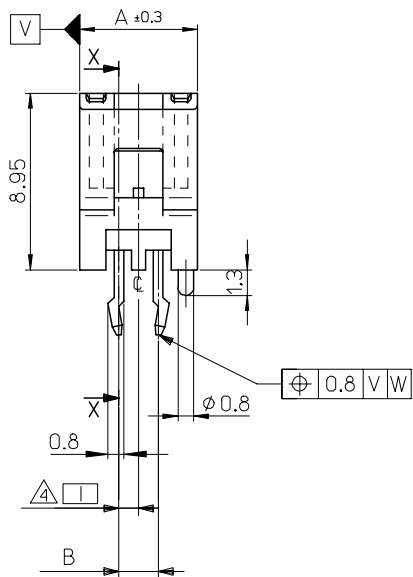
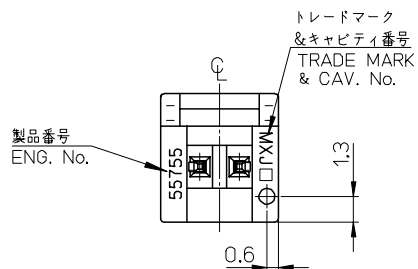
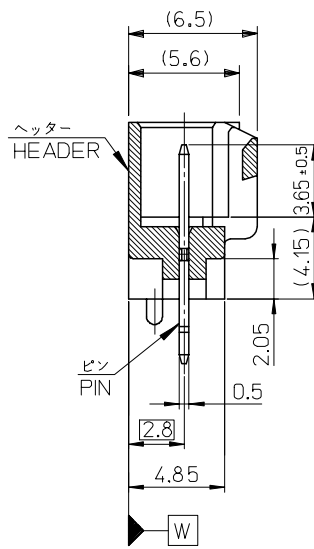
PS-51216-007, RPS-51216-008, RPS-51216-011

Sales Drawing

SD-55755-005

This document was generated on 04/07/2010

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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.

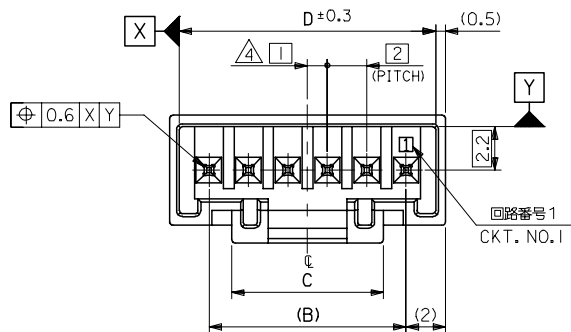
DESIGN UNITS
METRIC

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

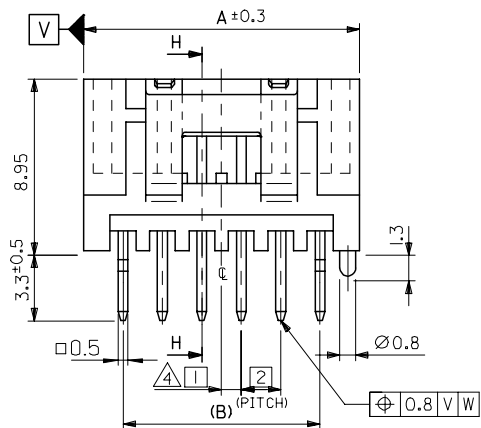
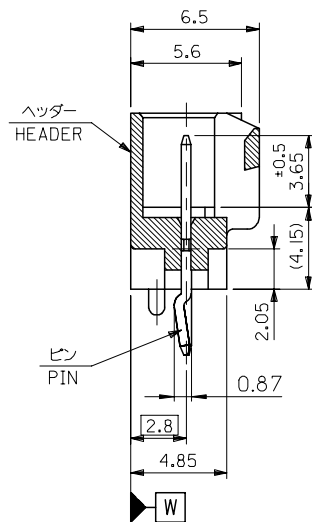
MOLEX INCORPORATED

DOCUMENT NO. SD-55755-005 SHEET NO. 1 OF 3

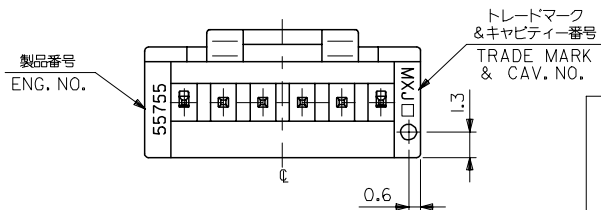
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		10 UNDER	±0.2	DRAWN BY M. NABEI	DATE '05/01/24	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/01/24				
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/01/24	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55755-005			1 OF 3
	REV			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

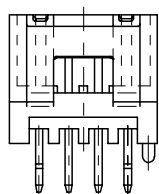


SECT H-H

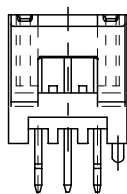


31	7.7	28	32	55755-1519	15
29		26	30	-1419	14
27		24	28	-1319	13
25		22	26	-1219	12
23		20	24	-1119	11
21		18	22	-1019	10
19		16	20	-0919	9
17		14	18	-0819	8
15		12	16	-0719	7
13		10	14	-0619	6
11		8	12	-0519	5
9		6	10	-0419	4
7	7.7	4	8	55755-0319	3
D	C	B	A	MATERIAL NO.	CKT.

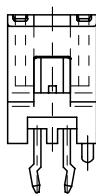
RELEASED EC NO: J2005-2113 DRAWN: MABEI CHKD: K. TOYODA APPR: NUKITA 2005/01/24 2005/01/25 2005/01/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
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	ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55755-005			2 OF 3	
	REV 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



4 CKTS.



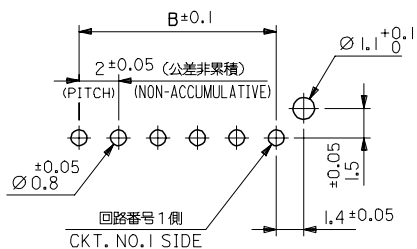
3 CKTS.



2 CKTS.

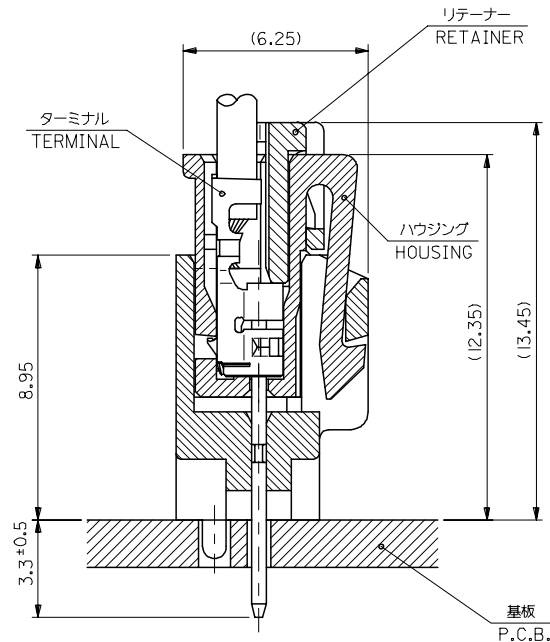
極致レイアウト図

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)



嵌合断面図 (参考)

MATED DRAWING (REF.)

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		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1,2		SD-55755-005		3 OF 3			
	0	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					