

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0557550619

Status:

Active

Description:

2.00mm (.079") Pitch Wire-to-Board Header, Vertical, Shrouded, Kinked PC Tail, with Inner Positive Lock, 6 Circuits, Lead-free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51216-007 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

55755

Wire-to-Board

N/A

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

6

6

Natural

30

No

No

No

No

None

Yes

0.530 In

13.45 mm

Brass

Tin

Tin

Nylon

1

Vertical

0.130 In

3.30 mm

Yes

Yes

0.062 In

1.60 mm

Tray

0.079 In

2.00 mm

40

1.00

40

1.00

Yes

Fully

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

2.5A

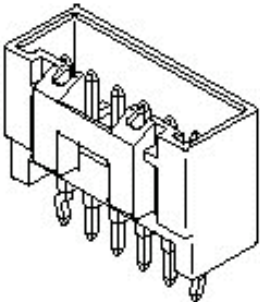


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

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 - Maximum250V

Material Info

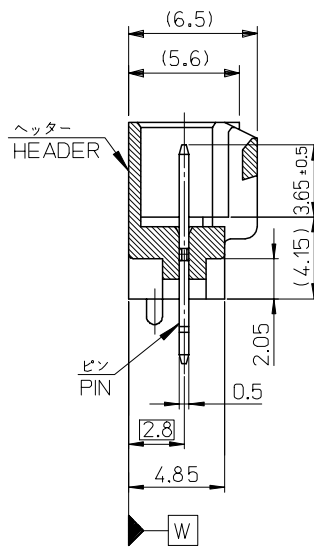
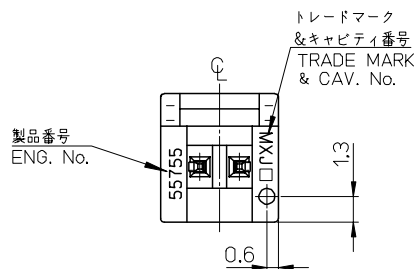
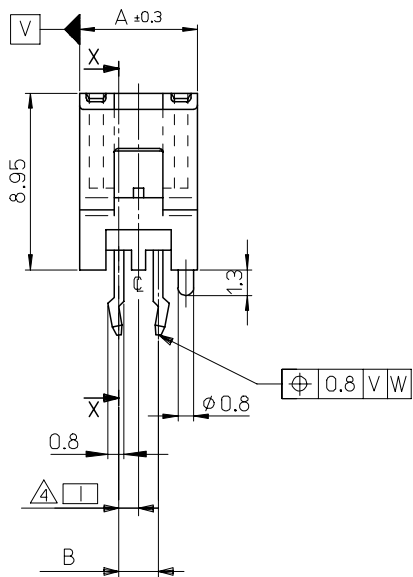
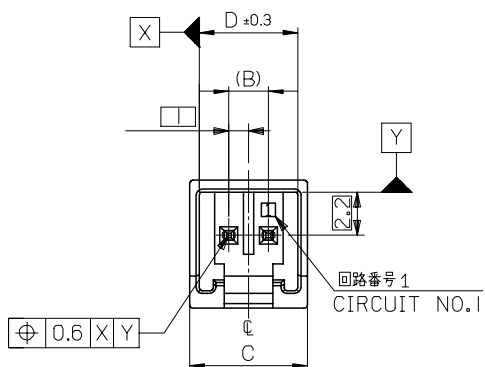
Reference - Drawing Numbers

Product SpecificationPS-51216-007, RPS-51216-008, RPS-51216-011

Sales DrawingSD-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

THIRD ANGLE PROJECTION

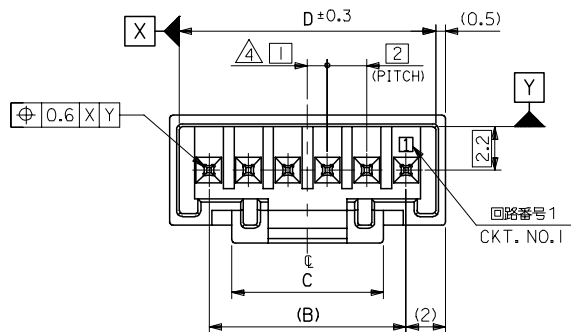
2.0 MM WIRE TO BOARD
CONN. HEADER ASSY (ST)
-LEAD FREE-

MOLEX INCORPORATED

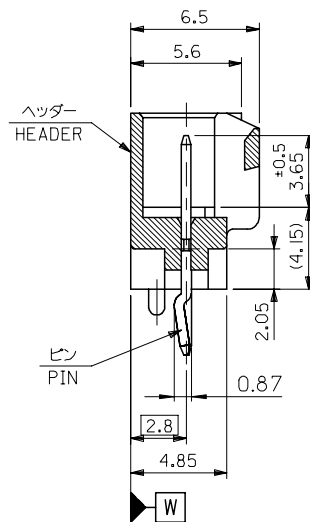
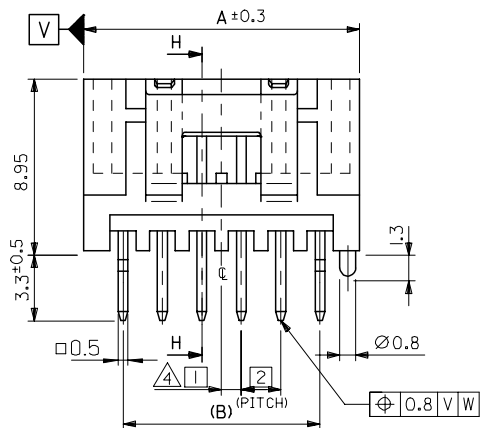
DOCUMENT NO. SD-55755-005

SHEET NO. 1 OF 3

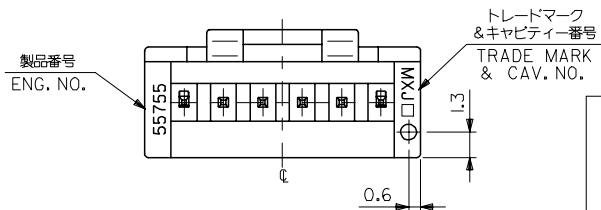
RELEASED EC NO: J2005-2113 DRAWN:MABEL CHKD:K TOYODA APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	MODEL NO.
		10 UNDER	±0.2	DRAWN BY M. NABE I	DATE '05/01/24	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-			
		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 MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55755-005			1 OF 3
REV	0	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.

55755-xx19

MODEL NO.

SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION

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

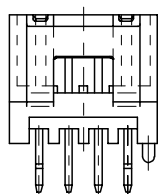
MOLEX INCORPORATED

DOCUMENT NO. SD-55755-005 SHEET NO. 2 OF 3

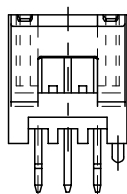
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	

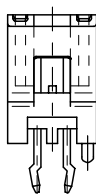
DIMENSION STYLE MM ONLY	
DRAWN BY M. NABE I	DATE '05/01/24
CHECKED BY K. TOYODA	DATE '05/01/24
APPROVED BY N. UKITA	DATE '05/01/24
MATERIAL NO. SEE CHART	
SIZE A3	



4 CKTS.



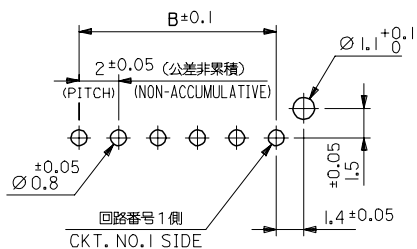
3 CKTS.



2 CKTS.

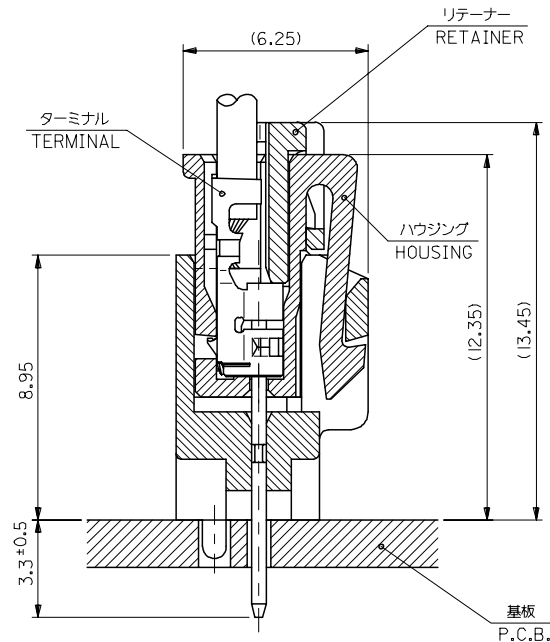
極致レイアウト図

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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		4:1	METRIC			
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE					
		30 OVER	±0.3	APPROVED BY	DATE	MOLEX INCORPORATED				
	ANGULAR	±3 °	N. UKITA	'05/01/24						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.				SHEET NO.	
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								