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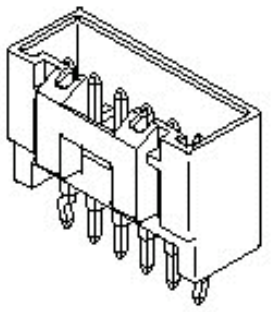
Part Number: 0557550319

Status: Active

Description: 2.00mm (.079") Pitch Wire-to-Board Header, Vertical, Shrouded, Kinked PC Tail, with Inner Positive Lock, 3 Circuits, Lead-free

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51216-007 (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	PCB Headers
Series	55755
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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

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

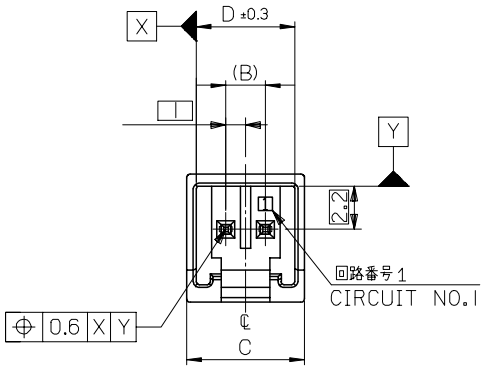
Material Info

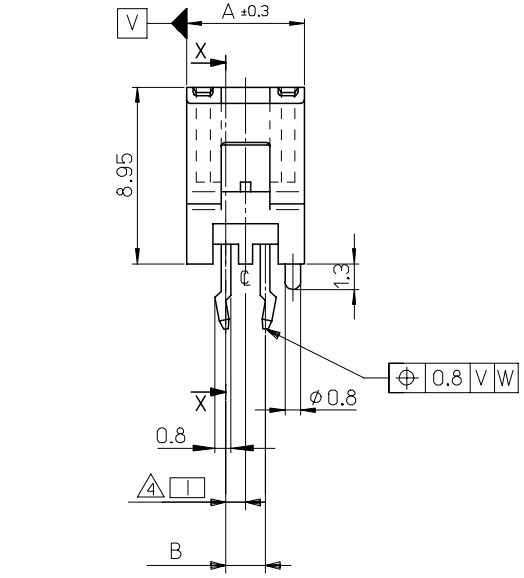
Reference - Drawing Numbers

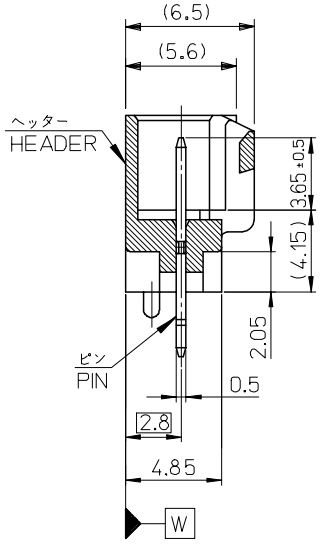
Product Specification	PS-51216-007, RPS-51216-008, RPS-51216-011
Sales Drawing	SD-55755-005

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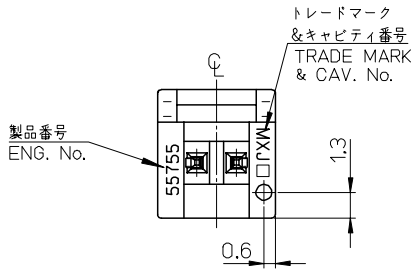




SECT. X-X

注記
NOTES

1. 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)
2. 嵌合相手 : 51216シリーズ
   MATE WITH : 51216 SERIES
3. 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.
4. 偶数極に適用。
   APPLY EVEN CIRCUIT PRODUCTS.
5. 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.

RELEASED
EC NO: J2005-2113 2005/01/24
DRWN:MNABEI 2005/01/25
CHKD:KTOYODA 2005/01/28
APPR:NUKITA
DESCRIPTION
REV 0

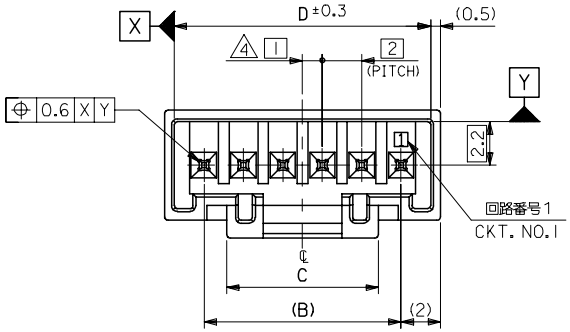
GENERAL TOLERANCES (UNLESS SPECIFIED)

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

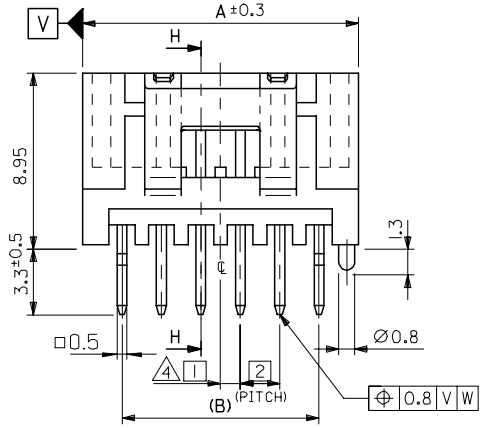
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

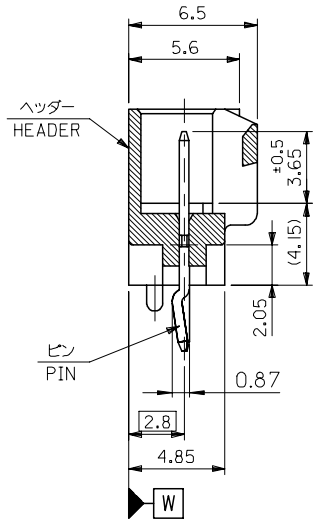
DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	M.NABEI '05/01/24
CHECKED BY / DATE	K.TOYODA '05/01/24
APPROVED BY / DATE	N.UKITA '05/01/24
MATERIAL NO.	SEE CHART
TITLE	2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-
	MOLEX INCORPORATED
DOCUMENT NO.	SD-55755-005
SHEET NO.	1 OF 3
SIZE	A3

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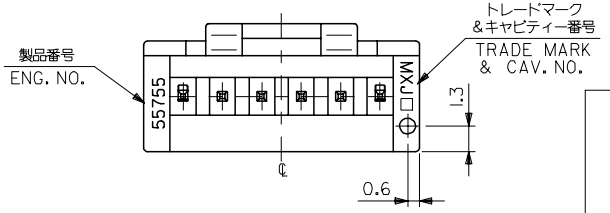


3極以上品





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-××19		MODEL NO.	

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DESCRIPTION
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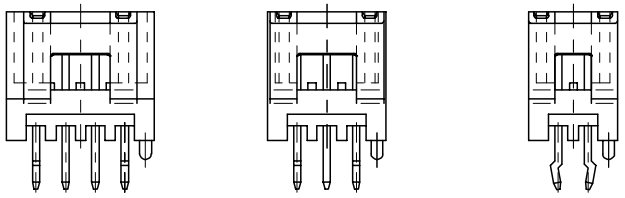
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ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

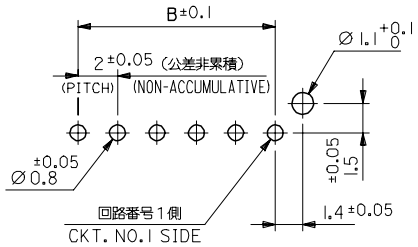
DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: M.NABEI	DATE: '05/01/24	TITLE: 2.0 MM WIRE TO BOARD CONN. HEADER ASSY (ST) -LEAD FREE-	
CHECKED BY: K.TOYODA	DATE: '05/01/24		
APPROVED BY: N.UKITA	DATE: '05/01/24	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-55755-005	SHEET NO.: 2 OF 3

SIZE A3

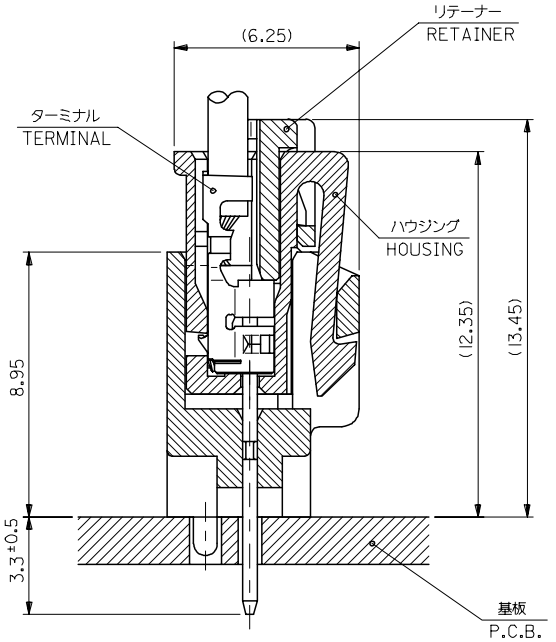
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極数レイアウト図
LAYOUT OF EACH CKTS.



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.)

RELEASED
EC NO: J2005-2113
DRWN:MNABEI 2005/01/24
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MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 1,2
DOCUMENT NO.: SD-55755-005
SHEET NO.: 3 OF 3

SIZE A3

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