

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0559171610

Status:

Active

Overview:

microclasp

Description:

2.00mm (.079") Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 16 Circuits, with PCB Locator

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51353-003 (PDF)

Product Specification PS-51353-010 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

55917

Wire-to-Board

microclasp

MicroClasp™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

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)

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

16

16

Natural

30

No

94V-0

No

No

None

Yes

Tin

Tin

Polyester

2

Vertical

0.126 In

3.20 mm

Yes

Yes

0.062 In

1.60 mm

Tray

0.079 In

2.00 mm

Fully

No

No

-25°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

250V

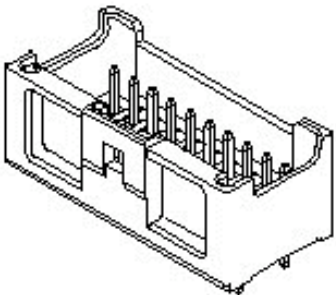


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

55917Series

Mates With

51353 MicroClasp™ Wire-to-Board Receptacle Housing

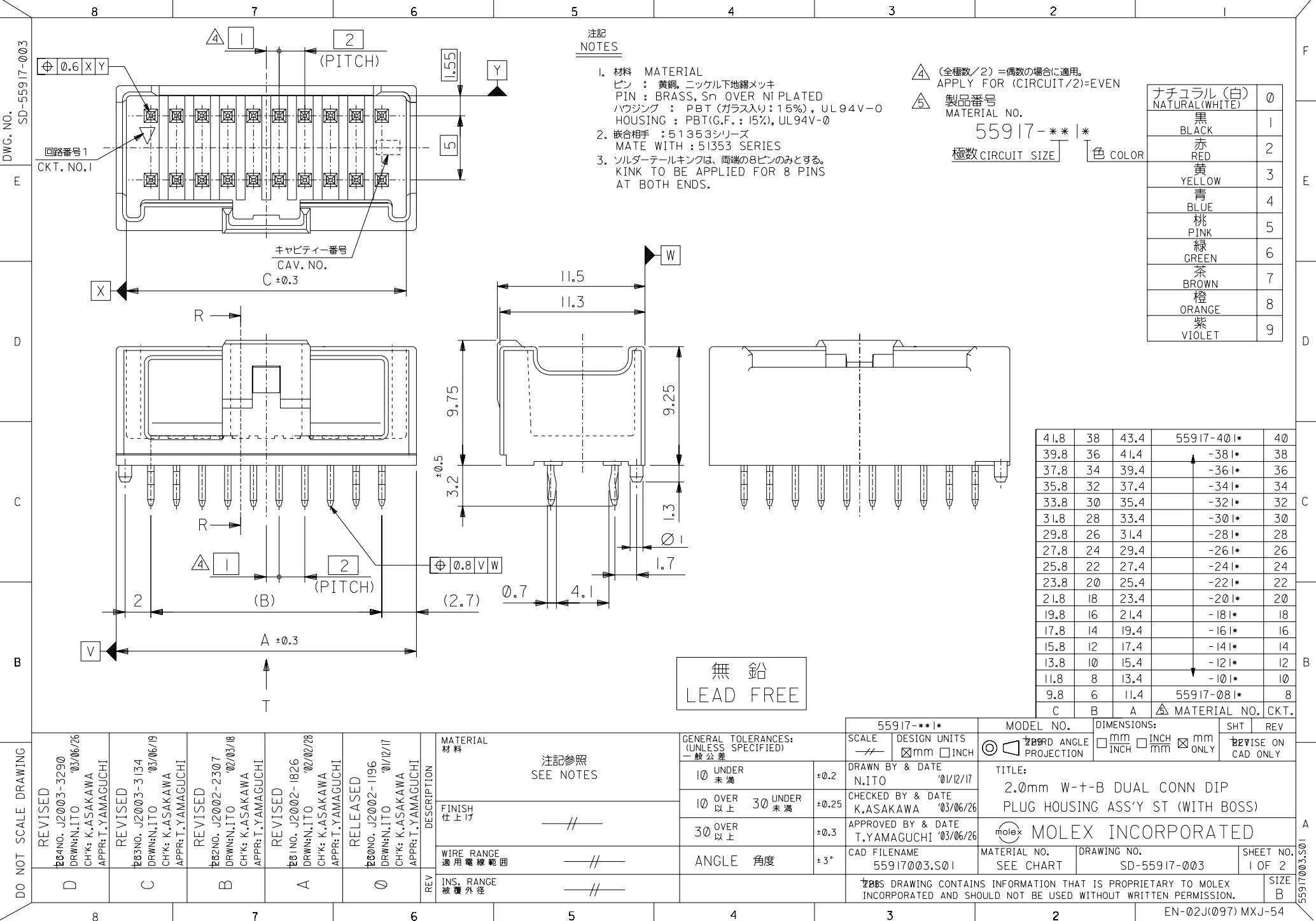
Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55917-001
Product Specification	PS-51353-003, PS-51353-010, RPS-501844-001, RPS-51353-005, RPS-51353-008, RPS-51353-009, RPS-51353-010, RPS-51353-013, RPS-51353-014, RPS-51353-015, RPS-51353-016, RPS-51353-019, RPS-51353-020, RPS-51353-021, RPS-51353-022, RPS-51353-023, RPS-51353-024, RPS-51353-025, RPS-51353-026, RPS-51353-028, RPS-51353-030, RPS-51353-031
Sales Drawing	SD-55917-003

This document was generated on 06/07/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



注記
NOTES

- 1. 材料 MATERIAL
ピン : 黄銅, ニッケル下地鍍メッキ
PIN : BRASS, Sn OVER Ni PLATED
ハウジング : PBT (ガラス入り: 15%), UL94V-0
HOUSING : PBT(G.F.: 15%), UL94V-0
- 2. 嵌合相手 : 51353シリーズ
MATE WITH : 51353 SERIES
- 3. ソルダータールキンフは、両端の8ピンのみとする。
KINK TO BE APPLIED FOR 8 PINS AT BOTH ENDS.

△4 (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN

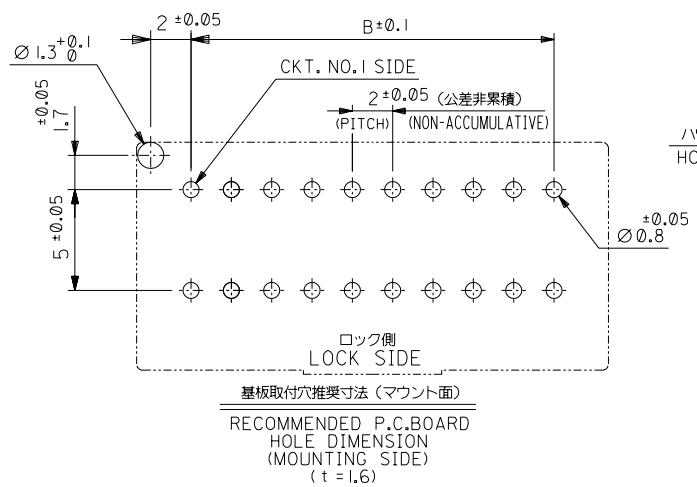
△5 製品番号
MATERIAL NO.
55917-***|*
極数CIRCUIT SIZE | 色 COLOR

ナチュラル(白) NATURAL(WHITE)	0
黒 BLACK	1
赤 RED	2
黄 YELLOW	3
青 BLUE	4
桃 PINK	5
緑 GREEN	6
茶 BROWN	7
橙 ORANGE	8
紫 VIOLET	9

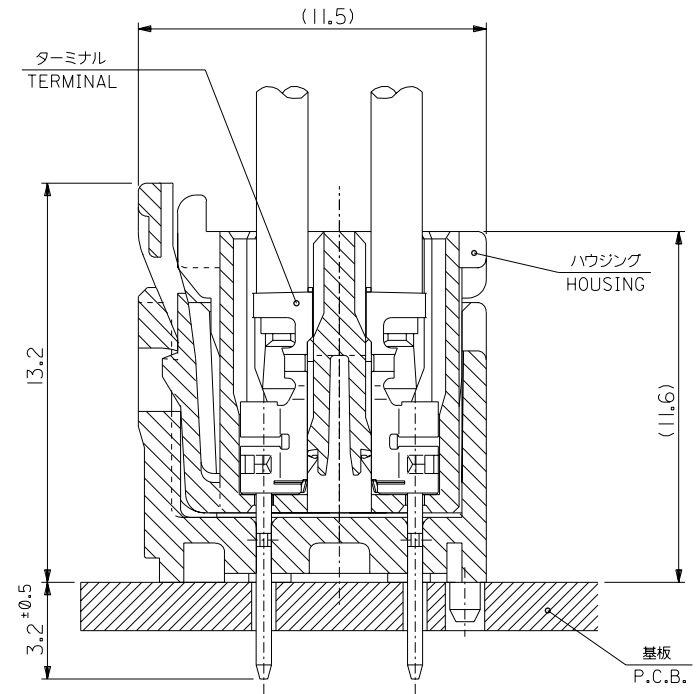
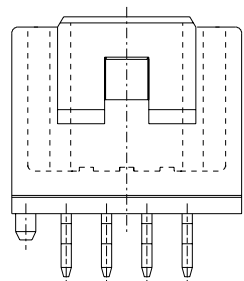
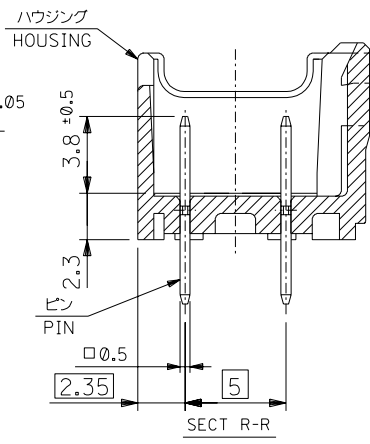
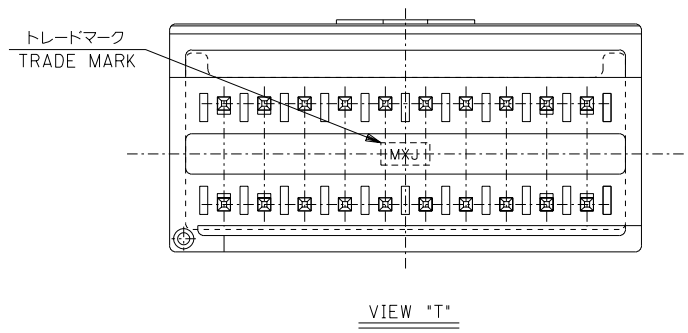
41.8	38	43.4	55917-401*	40
39.8	36	41.4	-381*	38
37.8	34	39.4	-361*	36
35.8	32	37.4	-341*	34
33.8	30	35.4	-321*	32
31.8	28	33.4	-301*	30
29.8	26	31.4	-281*	28
27.8	24	29.4	-261*	26
25.8	22	27.4	-241*	24
23.8	20	25.4	-221*	22
21.8	18	23.4	-201*	20
19.8	16	21.4	-181*	18
17.8	14	19.4	-161*	16
15.8	12	17.4	-141*	14
13.8	10	15.4	-121*	12
11.8	8	13.4	-101*	10
9.8	6	11.4	55917-081*	8
C	B	A	△ MATERIAL NO.	CKT.

無鉛
LEAD FREE

REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REVISED		REV	
---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	-----	--



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.)

無鉛
LEAD FREE

D	REVISED	E64NO. J2003-3290 DRWN:N.I.TO '03/06/26 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		REVISED	E63NO. J2003-3134 DRWN:N.I.TO '03/06/19 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		REVISED	E62NO. J2002-2307 DRWN:N.I.TO '02/03/18 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		REVISED	E61NO. J2003-1826 DRWN:N.I.TO '02/02/28 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		RELEASED	E60NO. J2002-1196 DRWN:N.I.TO '01/12/17 CHK: K.ASAKAWA APPR: T.YAMAGUCHI		DESCRIPTION	MATERIAL 材料		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 4:1		DESIGN UNITS ☒ mm ☐ INCH		PROJECTION ☒ 1ST ANGLE ☐ 3RD ANGLE		☐ mm INCH ☐ mm INCH ☒ mm ONLY		REVISE ON CAD ONLY	
		注記参照 SEE NOTES			FINISH 仕上り			10 UNDER 未満			±0.2			DRAWN BY & DATE N.I.TO '01/12/17			TITLE: 2.0mm W-t-B DUAL CONN DIP PLUG HOUSING ASS'Y ST (WITH BOSS) MOLEX INCORPORATED													
		30 OVER 以上			±0.25			CHECKED BY & DATE K.ASAKAWA '03/06/26																						
		30 OVER 以上			±0.3			APPROVED BY & DATE T.YAMAGUCHI '03/06/26																						
O	REV	INS. RANGE 被覆外径		適用電線範囲		ANGLE 角度		±3°		CAD FILENAME 55917003.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-55917-003		SHEET NO. 2 OF 2		SIZE B												