



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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DWG. NO.
SD-500334-001

F

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DO NOT SCALE DRAWING

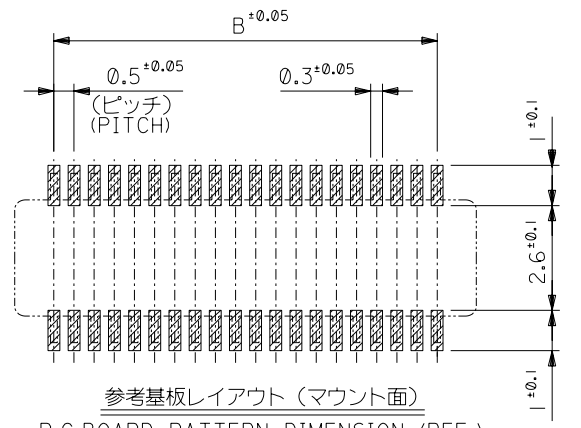
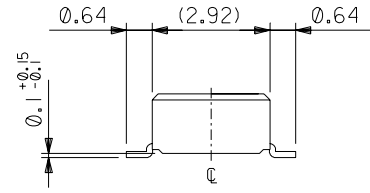
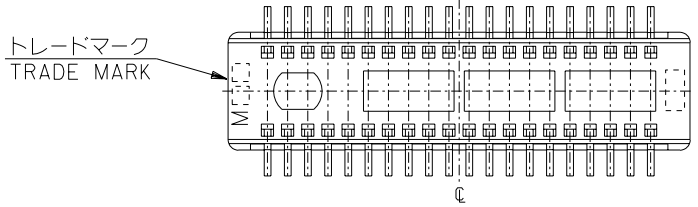
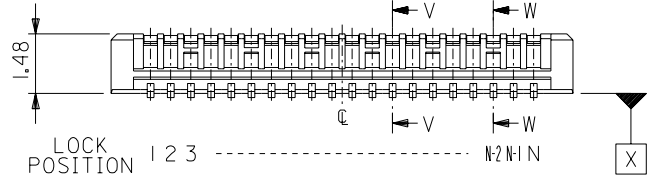
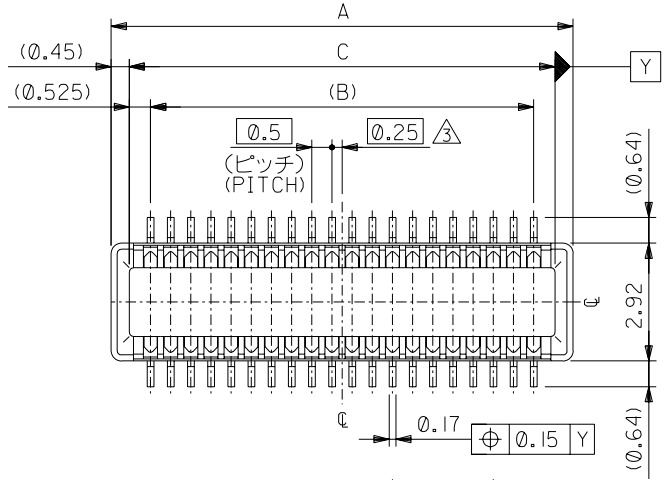
EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	EC NO. DRWN: CH'K: APPR:	REVISED '04/03/22 EC NO. J2004-2899 DRWN: K.TOYODA CH'K: K.ASAKAWA APPR: S.ICHIKAWA	RELEASED '03/04/04 EC NO. J2003-2536 DRWN: T.YASUI CH'K: T.IITO APPR: T.YAMAGUCHI	DESCRIPTION REV
			A	Q	

MATERIAL 材料	注記参照 SEE NOTES
FINISH 仕上げ	—
WIRE RANGE 適用配線範囲	—
INS. RANGE 被覆外径	—

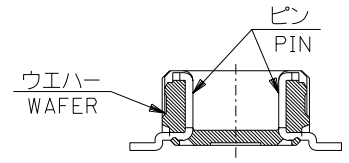
GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	10 UNDER 未満	±0.2
	10 OVER 30 UNDER 以上 未満	±0.25
	30 OVER 以上	±0.3
	ANGLE 角度	±3°

SCALE —//	MODEL No. DESIGN UNITS ☑mm ☐INCH
DRAWN BY & DATE T.YASUI '03/ 4/ 4	CHECKED BY & DATE T.IITO '03/ 4/ 7
APPROVED BY & DATE T.YAMAGUCHI '03/ 4/ 7	CAD FILENAME SD-500334-001.SOI

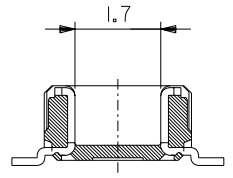
MODEL No. 500334-***8		DIMENSIONS: ☐mm ☐INCH ☐mm ONLY		SHT REVISION
THIRD ANGLE PROJECTION		TITLE: 0.5 BOARD TO BOARD Conn PLUG Assy (Hgt=2.5) -LEAD FREE-		REV REVISION ON CAD ONLY
MATERIAL NO. SEE CHART		DRAWING NO. SD-500334-001		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		MOLEX MOLEX INCORPORATED		SIZE B



参考基板レイアウト (マウント面)
P.C.BOARD PATTERN DIMENSION (REF.)
(MOUNTING AREA)

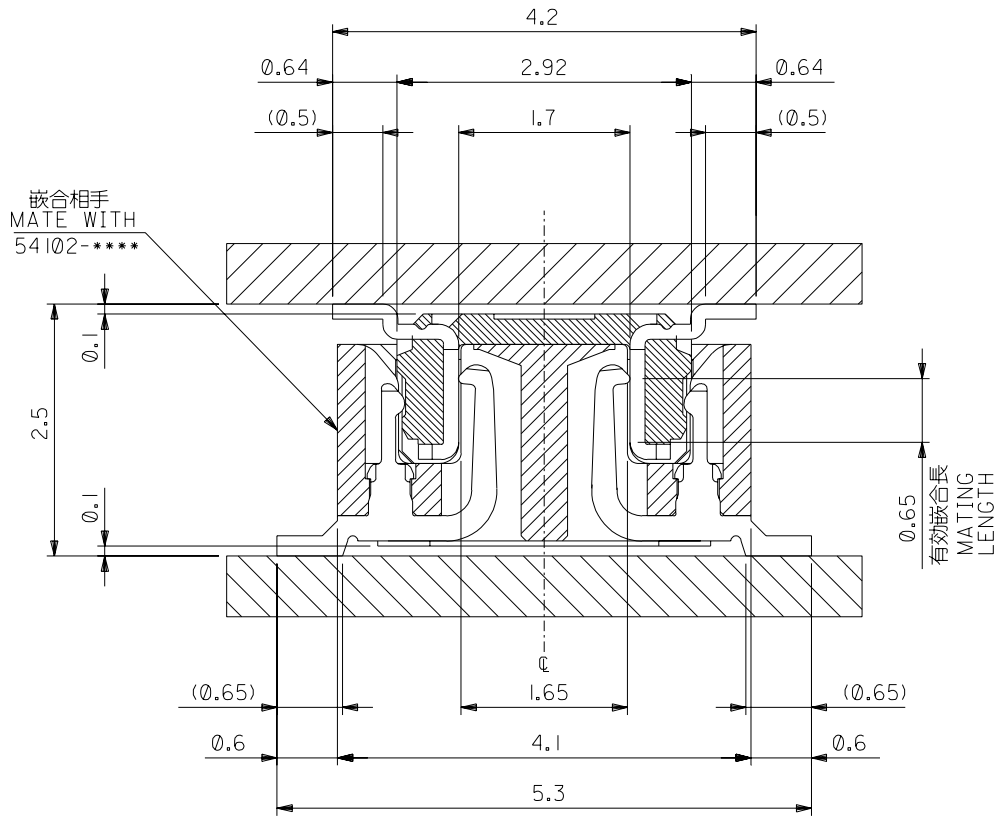


SECT.W-W(LOCK PART)



SECT.V-V(W/O LOCK PART)

ALL	8.05	7	8.95	500334-0308	30
	5.55	4.5	6.45	500334-0208	20
	4.55	3.5	5.45	500334-0168	16
LOCK POSITION	C	B	A	MATERIAL No.	CIRCUIT



注記 NOTES:

1. 使用材料 MATERIAL
ハウジング: 液晶ポリマー (LCP), ガラス充填, UL94V-0, 色: 黒
HOUSING: LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED
UL94V-0, COLOR: BLACK
ターミナル: 黄銅 (t=0.15)
TERMINAL: BRASS (t=0.15)
2. メッキ仕様 PLATING
金メッキ 0.25マイクロメートル以上 (コンタクト部)
GOLD(Au) 0.25 MICROMETER MINIMUM (CONTACT AREA)
金メッキ 0.4マイクロメートル以下 (テール部)
GOLD(Au) 0.4 MICROMETER MAXIMUM (TAIL AREA)
下地メッキ: ニッケルメッキ 1.5マイクロメートル以上
UNDER PLATING: NICKEL 1.5 MICROMETER MINIMUM
3. (全極数/2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2) = EVEN.
4. 嵌合相手: 54102シリーズ
MATE WITH: 54102 SERIES.
5. テール平坦度は 0.1以下。
TAIL COPLANARITY TO BE 0.1 MAXIMUM.

嵌合断面図 (参考)

MATED DRAWING (REF.)

				MODEL No.		500334-***8		DIMENSIONS:		SHT		REV	
				DESIGN UNITS		mm		mm		mm		mm	
				PROJECTION		1st ANGLE		mm		mm		mm	
				DRAWN BY & DATE		T.YASUI '03/ 4/ 4		TITLE:		0.5 BOARD TO BOARD Conn		PLUG Assy (Hgt=2.5)	
				CHECKED BY & DATE		T.ITO '03/ 4/ 7		-LEAD FREE-					
				APPROVED BY & DATE		T.YAMAGUCHI '03/ 4/ 7		MOLEX INCORPORATED					
				CAD FILENAME		SD-500334-001.S02		MATERIAL NO.		DRAWING NO.		SHEET NO.	
				ANGLE 角度		±3°		SEE CHART		SD-500334-001		2 OF 2	
				INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE B	

DWG. NO.
SD-500334-003

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DO NOT SCALE DRAWING

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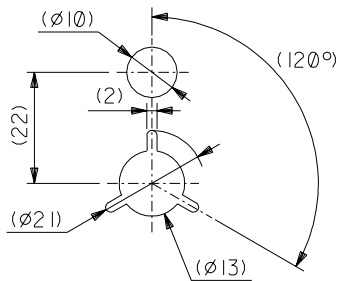
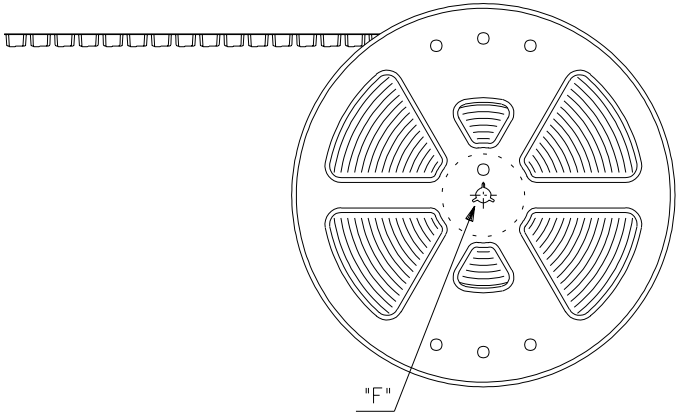
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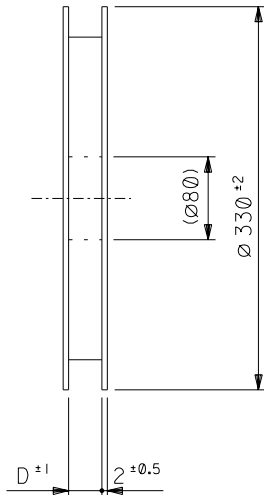
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SD-500334-003.S01

引き出し方向
PULL OUT
DIRECTION



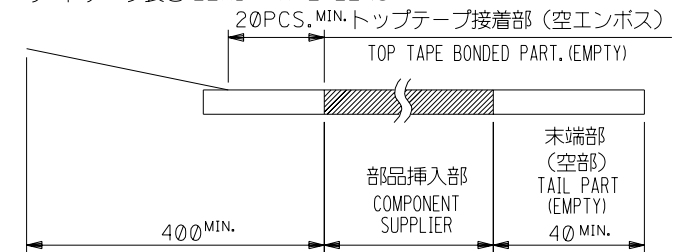
DETAIL "F"



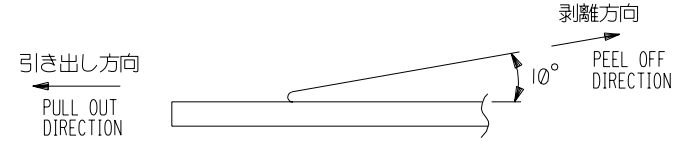
引き出し方向
PULL OUT
DIRECTION

NOTES

- 製品詳細寸法については図面 SD-500334-001 を参照下さい。
RE DETAILED DIMENSION, SEE SD-500334-001
- 梱包数量 : 2500 個 / リール
NUMBER OF CONNECTORS : 2500 PCS / REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度 : 0.1N ~ 0.7N (10.2gf ~ 71.4gf)
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N ~ 0.7N (10.2gf ~ 71.4gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE) : ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

				MODEL No. 500334-***1		DIMENSIONS:		SHT	REV
				DESIGN UNITS ☑mm ☐INCH		20° 2RD ANGLE PROJECTION ☐mm INCH ☐INCH mm ☒mm ONLY		2 REVISE ON CAD ONLY	
				DRAWN BY & DATE T.YASUI '03/ 5/ 6		TITLE: Embstp Pkg FOR 0.5 B-To-B PLUG Assy (Hg+=2.5)			
				CHECKED BY & DATE T.ITO '03/ 5/ 6					
				APPROVED BY & DATE T.YAMAGUCHI '03/ 5/ 6		MOLEX INCORPORATED			
				CAD FILENAME SD-500334-003.S01		MATERIAL NO. SEE SHEET 2 OF 2		DRAWING NO. SD-500334-003	
				ANGLE 角度 ±3°				SHEET NO. 1 OF 2	
				DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B			

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —#—		MATERIAL 材料		FINISH 仕上げ		WIRE RANGE 適用電線範囲		INS. RANGE 被覆外径	
10 UNDER 未満		±0.2		注記参照 SEE NOTES		—#—		—#—		—#—	
10 OVER 以上 30 UNDER 未満		±0.25									
30 OVER 以上		±0.3									
ANGLE 角度		±3°									

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EN-02J(097) MXJ-54

DWG. NO.
SD-500334-003

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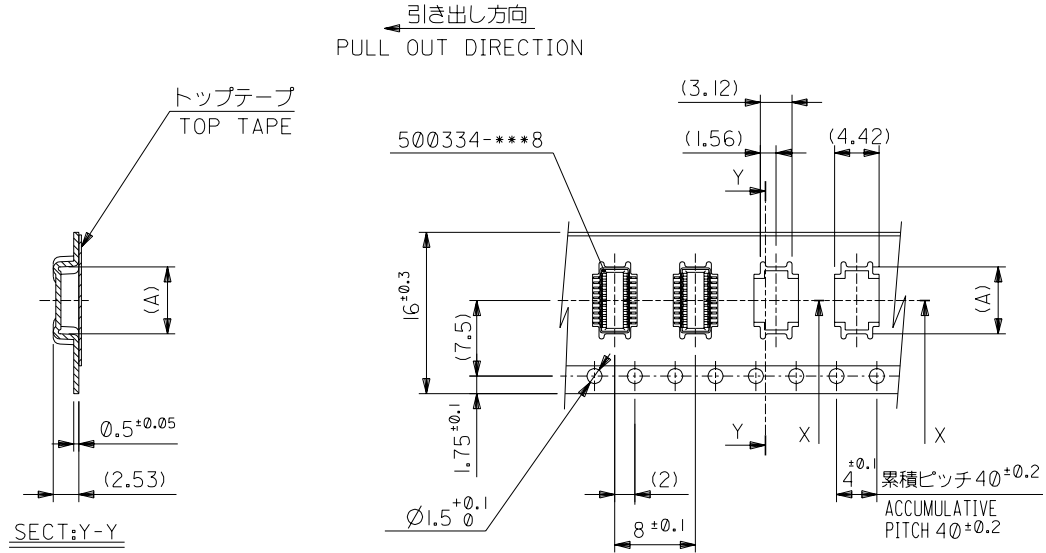
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SD-500334-003.S02



16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

DESIGN NO. DRAWN: CHK'G: APPR:	DESIGN NO. DRAWN: CHK'G: APPR:	DESIGN NO. DRAWN: CHK'G: APPR:	DESIGN NO. DRAWN: CHK'G: APPR:
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MATERIAL 材料	SHEET 1 OF 2 参照 REFER TO SHEET 1 OF 2
FINISH 仕上げ	//
WIRE RANGE 適用電線範囲	//
INS. RANGE 被覆外径	//

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE --//
10 UNDER 未満	±0.2
10 OVER 30 UNDER 以上 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

MODEL No. 500334-***1	DESIGN UNITS ☒ mm ☐ INCH
DRAWN BY & DATE T.YASUI '03/ 5/ 6	CHECKED BY & DATE T.ITO '03/ 5/ 6
APPROVED BY & DATE T.YAMAGUCHI '03/ 5/ 6	CAD FILENAME SD-500334-003.S02

TITLE: Embstp Pkg FOR 0.5 B-To-B PLUG Assy (Hgt=2.5)	MATERIAL NO. SEE CHART	DRAWING NO. SD-500334-003	SHEET NO. 2 OF 2
MOLEX INCORPORATED			
DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			
SIZE B			