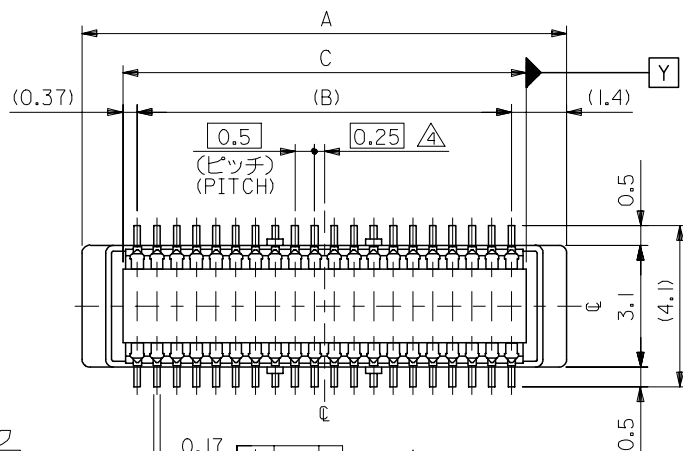
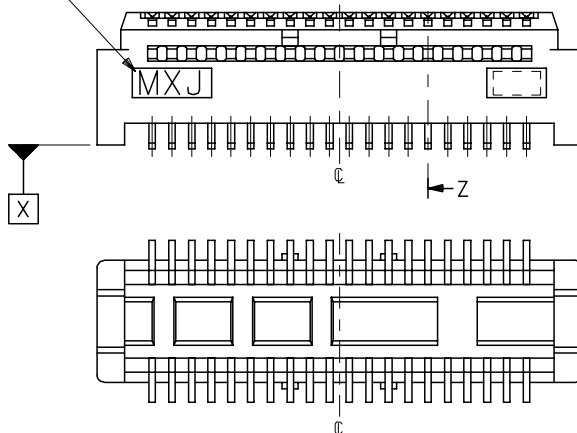




トレードマーク
TRADE MARK



注記 NOTES:

1. 使用材料 MATERIAL

ウェハー: LCPガラス入り (黒), UL94V-0
WAFFER: LCP(G.F.) (COLOR: BLACK),
UL94V-0

ピン: 黄銅 ($t=0.15$)
PIN: BRASS ($t=0.15$)

2. メッキ仕様 PLATING

全体仕上げ: 金メッキ 0.1 MICROMETER MIN.
ALL OVER: GOLD 0.1 MICROMETER MIN.
下地メッキ: ニッケルメッキ 1.5 MICROMETER MIN.
UNDER PLATING: NICKEL 1.5 MICROMETER MIN.

3. 基準面 [X] からのソルダーテールの半田付け面のズレ量は、上方向 0、下方向 0.15MAX. とする。

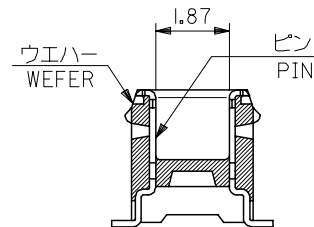
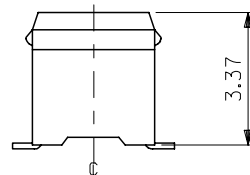
MISALIGNMENT OF SOLDER TAIL FROM [X]
: UPPER DIRECTION 0, LOWER DIRECTION 0.15 MAX.

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

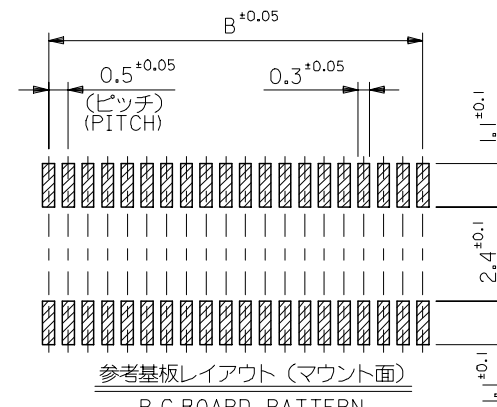
5. 嵌合相手: 54167 シリーズ 52991 シリーズ

MATE WITH: 54167 SERIES,
52991 SERIES.

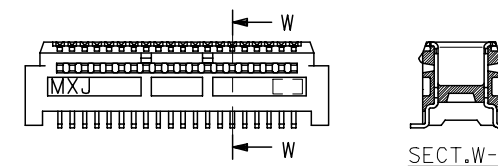
6. テール平坦度は、0.1MAX. TAIL COPLANARITY TO BE 0.1MAX.



SECT. Z-Z



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

60極品以上形状図
SHAPE OF OVER 60CKT.

20.24	19.5	22.3	53916-0801	80
17.74	17.0	19.8	4 -0701	70
15.24	14.5	17.3	4 -0601	60
12.74	12.0	14.8	4 -0501	50
10.24	9.5	12.3	4 -0401	40
7.74	7.0	9.8	4 -0301	30
5.24	4.5	7.3	53916-0201	20
C	B	A	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2006-0604 DRW: NAITA CHK: KATOYODA APP: NUKITA	DESCRIPTION 2005/08/31 2005/09/01 2005/09/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY S. AIHARA	DATE '96/11/28	TITLE 0.5 B/B CONN PLUG ASSY (W/O BOSS, W/O NAIL) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '01/12/26					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '01/12/26	MOLEX MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53916-001		1 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

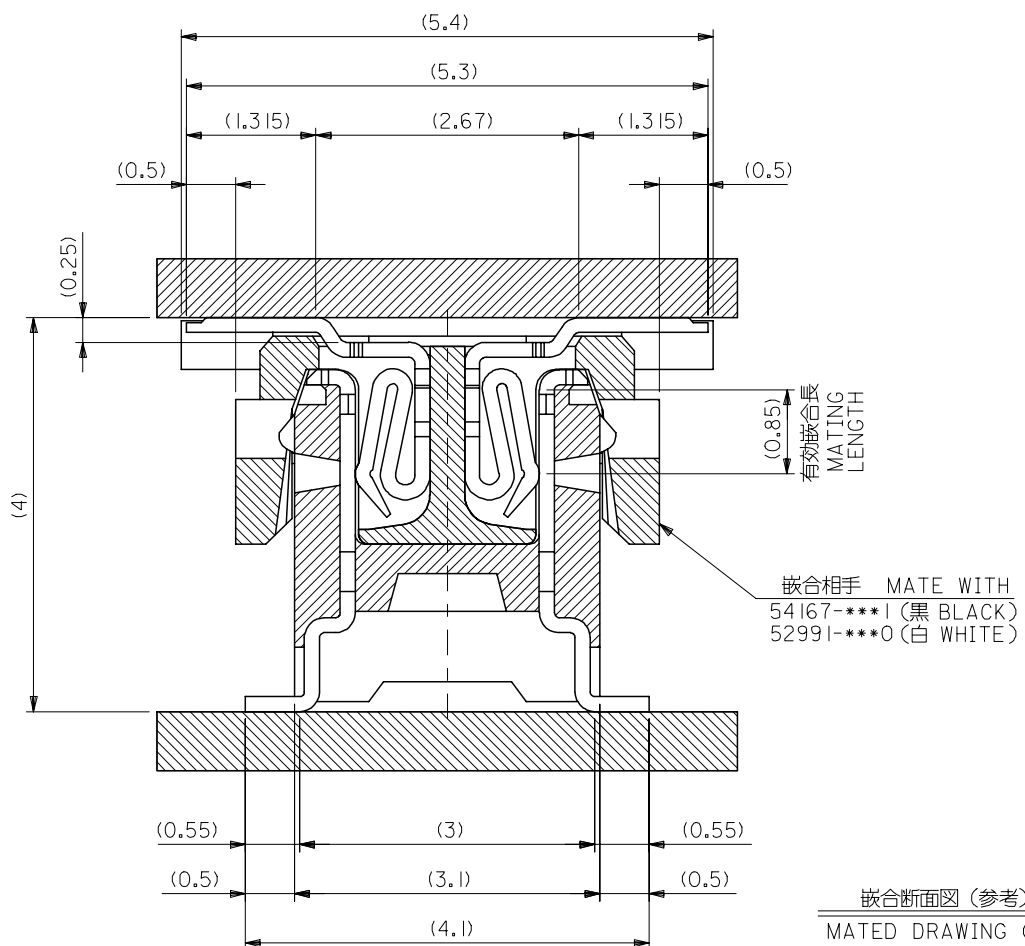
E

D

C

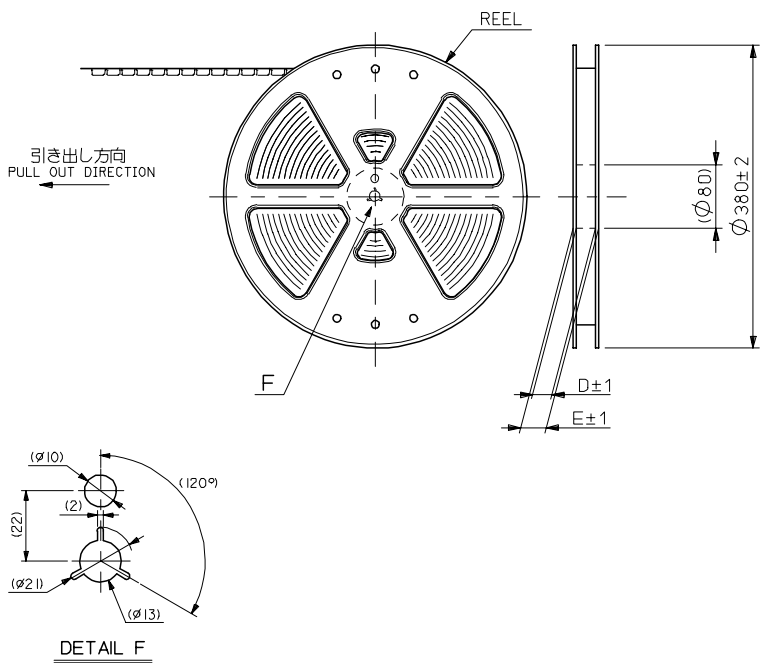
B

A



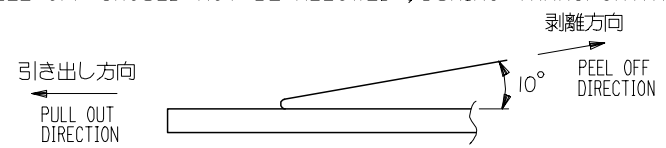
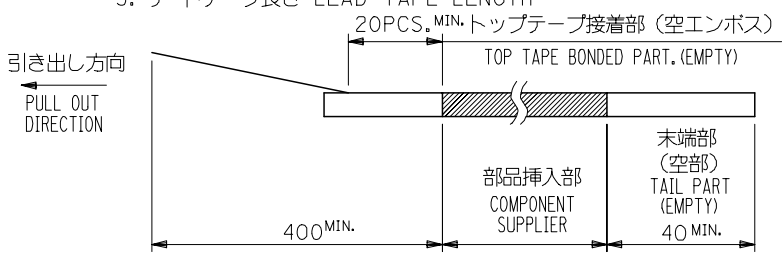
嵌合断面図 (参考)
MATED DRAWING (REF.)

REVISED		EC NO: J2006-0604		DRWN:NAIDA		2005/08/31		2005/09/01		2005/09/09		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		53916-***1		MODEL NO.			
C				CHKD:KTOYODA								REV		10 UNDER		± ---		DRAWN BY S.AIHARA		DATE '96/11/28		TITLE 0.5 B/B CONN PLUG ASSY (W/O BOSS, W/O NAIL) -LEAD FREE- MOLEX MOLEX INCORPORATED							
														10 OVER 30 UNDER		± ---		CHECKED BY M.SASAO		DATE '01/12/26									
														30 OVER		± ---		APPROVED BY M.SASAO		DATE '01/12/26									
														ANGULAR		± --- °		MATERIAL NO.		DOCUMENT NO.									
														DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART								SD-53916-001		SHEET NO. 2 OF 2	

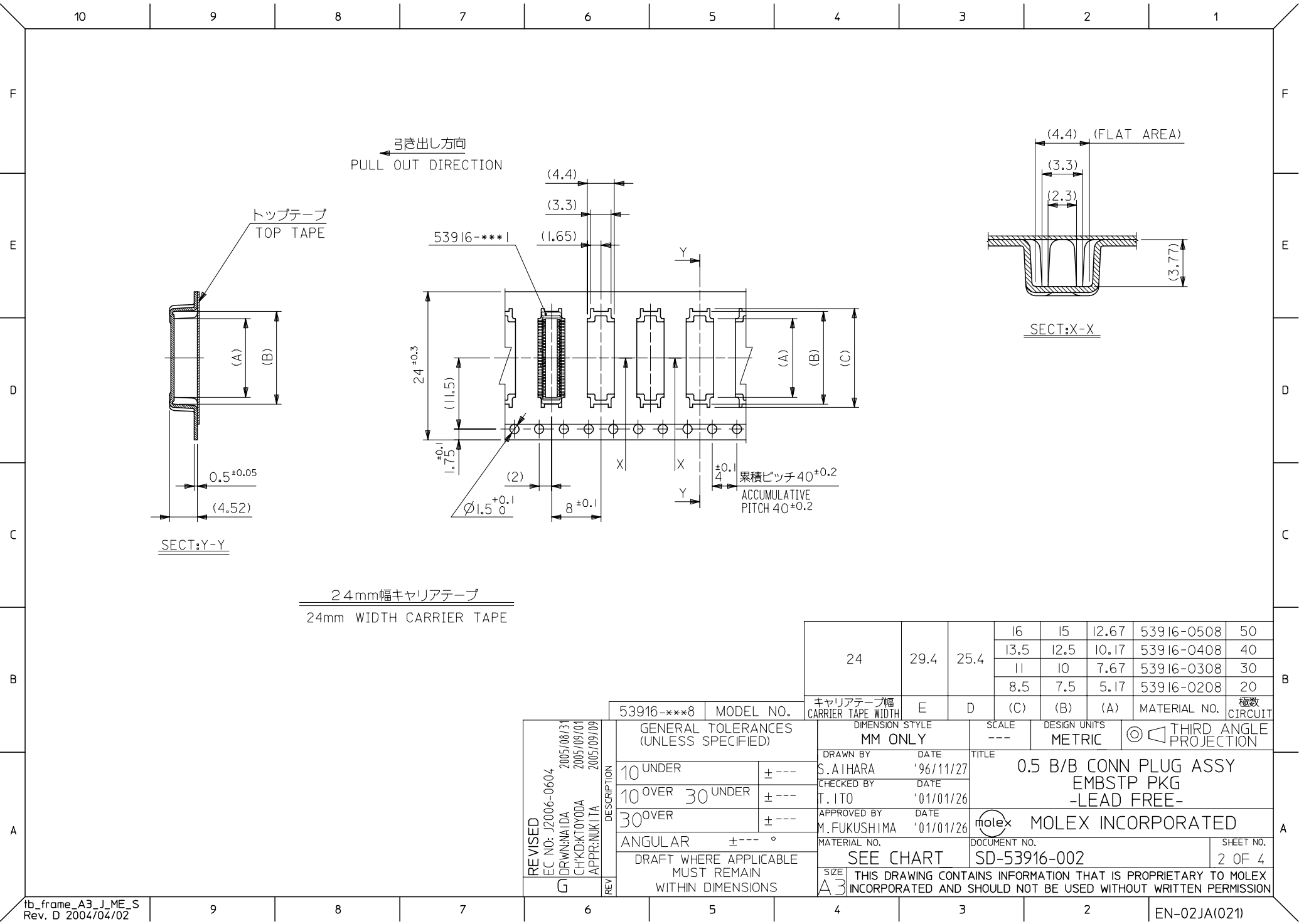


NOTES

- 製品詳細寸法については図面 SD-53916-001 を参照下さい。
RE DETAILED DIMENSION, SEE SD-53916-001
- 梱包数量：1500個/リール
NUMBER OF CONNECTORS：1500PCS/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~1.3N (10gf~130gf) (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~1.3N (10gf~130gf)
(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(TOPTAPE)：PET, PE, PEF
リール(REEL)：ポリスチレン(PS) <リサイクル材を含む>
POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>

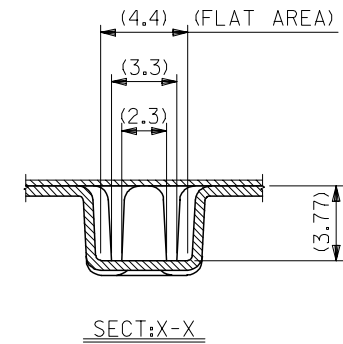
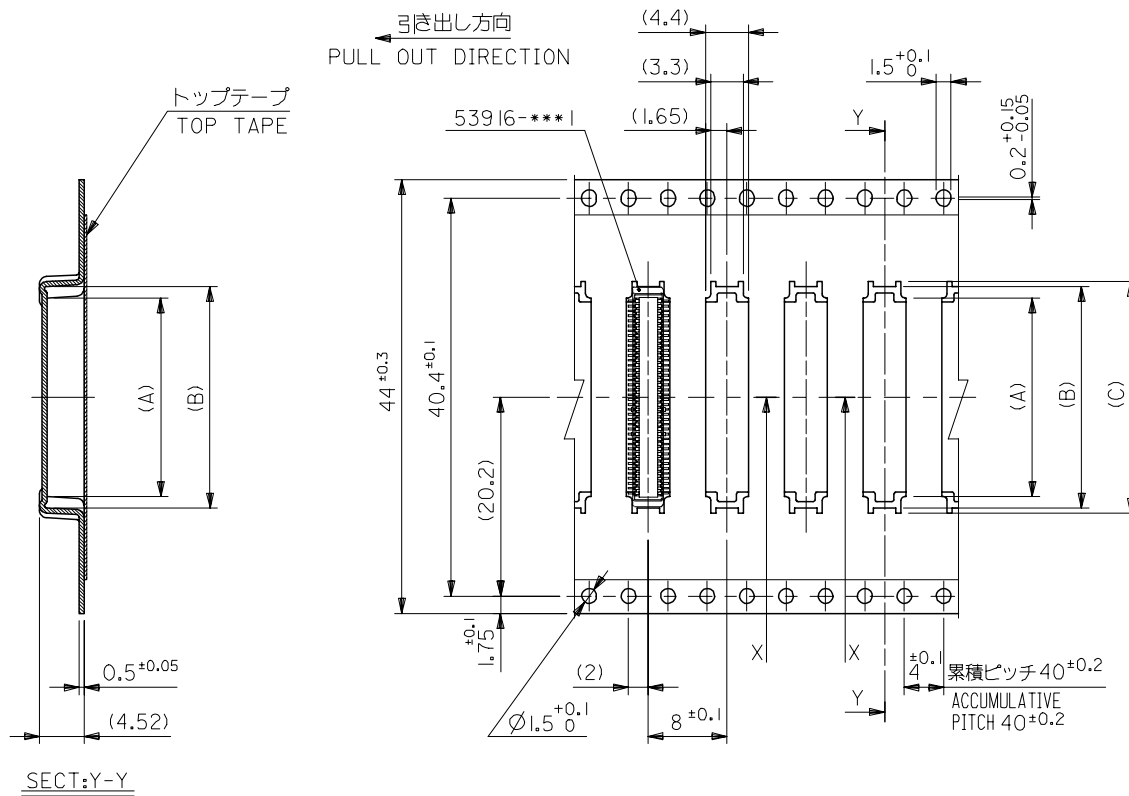


REVISED		EC NO: J2006-0604		DRW:NAIDA 2005/08/31		CHK:KTOYODA 2005/09/01		APP:NUKITA 2005/09/09		DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION		53916-***8		MODEL NO.	
											10 UNDER ± 0.2		DRAWN BY DATE S. AIHARA '96/11/27		TITLE 0.5 B/B CONN PLUG ASSY EMBSTP PKG -LEAD FREE-									
G										REV	10 OVER 30 UNDER ± 0.25		CHECKED BY DATE T. ITO '01/01/26		APPROVED BY DATE M. FUKUSHIMA '01/01/26		 MOLEX INCORPORATED		DOCUMENT NO. SD-53916-002		SHEET NO. 1 OF 4			
											30 OVER ± 0.3													
											ANGULAR ±3 °		MATERIAL NO.											
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART									





tb_frame_A3_J_ME_S
Rev. D 2004/04/02



REVISED		EC NO: J2006-0604		2005/08/31		2005/09/01		2005/09/09		DESCRIPTION		53916-***8		MODEL NO.		44		49.4		45.4		23.5		22.5		20.17		53916-0808		80	
DRAWN		DWANADA		2005/08/31		2005/09/01		2005/09/09		DESCRIPTION		53916-***8		MODEL NO.		CARRIER TAPE WIDTH		E		D		(C)		(B)		(A)		MATERIAL NO.		極数	
CHECKED		CHKKYODA		2005/08/31		2005/09/01		2005/09/09		DESCRIPTION		53916-***8		MODEL NO.		CARRIER TAPE WIDTH		E		D		(C)		(B)		(A)		MATERIAL NO.		極数	
APPROVED		APPR:NUKITA		2005/08/31		2005/09/01		2005/09/09		DESCRIPTION		53916-***8		MODEL NO.		CARRIER TAPE WIDTH		E		D		(C)		(B)		(A)		MATERIAL NO.		極数	
GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)		GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER		10 UNDER	
10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER		10 OVER 30 UNDER	
30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER		30 OVER	
ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °		ANGULAR ± --- °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3		SIZE A3	
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