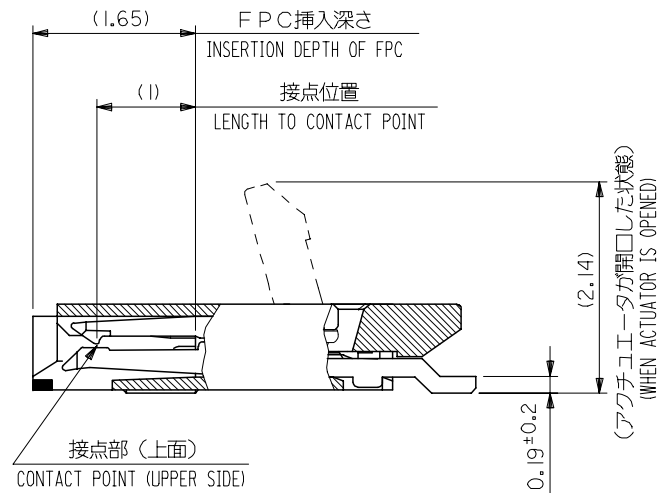




Technical drawing of a mechanical part with dimensions:

- Overall length: 4.35 ± 0.2
- Distance from left face to start of last thread: 3.65 ± 0.2
- Distance from left face to start of second-to-last thread: (0.7)
- Distance from left face to start of first thread: 0.9 ± 0.2
- Distance from left face to start of last thread (bottom view): 0.45 ± 0.15
- Distance from left face to start of first thread (bottom view): 0.85 ± 0.2

51345-**39	MODEL No.
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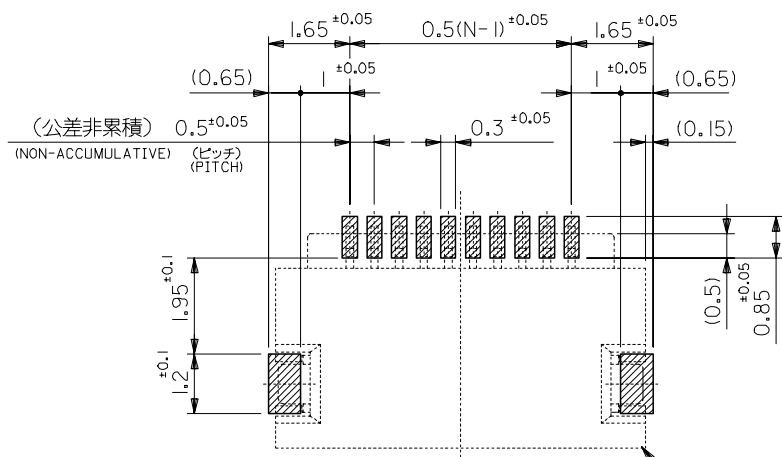
0.5 FPC CONN E0 HSG ASSY
UPR CONT (HGT=0.9MM)
-LEAD FREE-

 MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-51345-007	1 OF 2

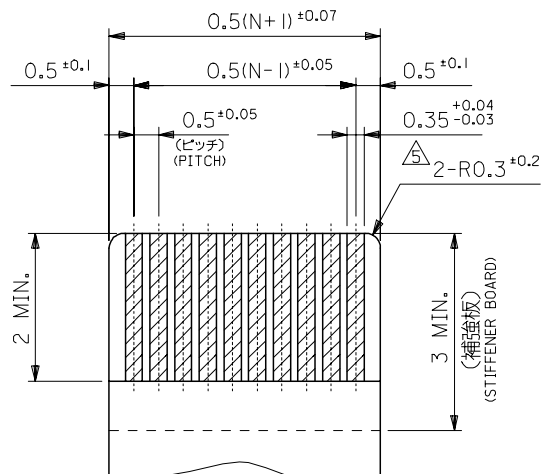
SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
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tb_frame_A3_J_ME_S
Rev. D 2004/04/02



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

コネクタ位置
CONNECTOR POSITION



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.12 ±0.03)
(THICKNESS: 0.12 ±0.03)

注記 NOTES

I. 使用材料 MATERIAL

- ハウジング
HOUSING : 液晶ポリマー (LCP)、ガラス充填、
UL 94V-0、色: 自然色 (ベージュ)
LIQUID CRYSTAL POLYMER(LCP)
GLASS FILLED,UL94V-0
COLOR:NATURAL(BEIGE)
- アクチュエータ
ACTUATOR : ポリフェニレンサルファイド (PPS)、ガラス充填、
UL 94V-0、色: 茶色
POLYPHENYLENE SULFIDE(PPS),
GLASS FILLED,UL94V-0,COLOR:BROWN
- ターミナル
TERMINAL : 銅合金 (t=0.15)
金メッキ (コンタクト部)
金メッキ (テール部)
COPPER ALLOY
GOLD PLATING (CONTACT AREA)
GOLD PLATING (TAIL AREA)
- 金具
FITTING NAIL : リン青銅、ニッケル下地 鍍メッキ (t=0.15)
PHOSPHOR BRONZE, TIN OVER NICKEL PLATING

2. エンボステープ梱包時は、アクチュエータが開いた状態とする。
IN THE PACKAGE,ACTUATOR OF PART NO.51345-**-**39 SHOULD BE OPENED.
- △ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- △ パターンはくり止め用具
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.
- △ R0.3は、FPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
6. 本製品は 51345-**-**37 の金具を錫メッキにしたものである。
THIS PRODUCT IS TIN-PLATED NAIL OF 51345-**-**37.

FPCについて:

打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL:
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

51345-**-39		MODEL No.	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DESIGN UNITS METRIC	
10 UNDER ±---		THIRD ANGLE PROJECTION	
10 OVER 30 UNDER ±---		0.5 FPC CONN E0 HSG ASSY UPR CONT (HGT=0.9MM) -LEAD FREE-	
30 OVER ±---		MOLEX INCORPORATED	
ANGULAR ±--- °		SD-51345-007	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 2	
SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

F

F

E

E

D

D

C

C

B

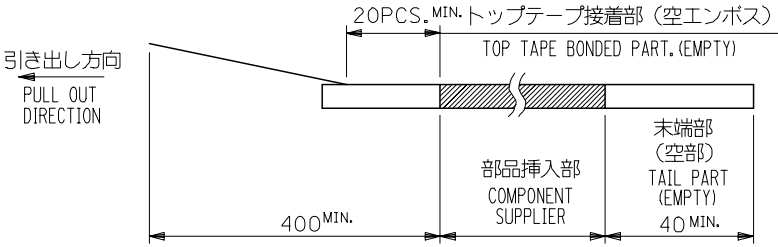
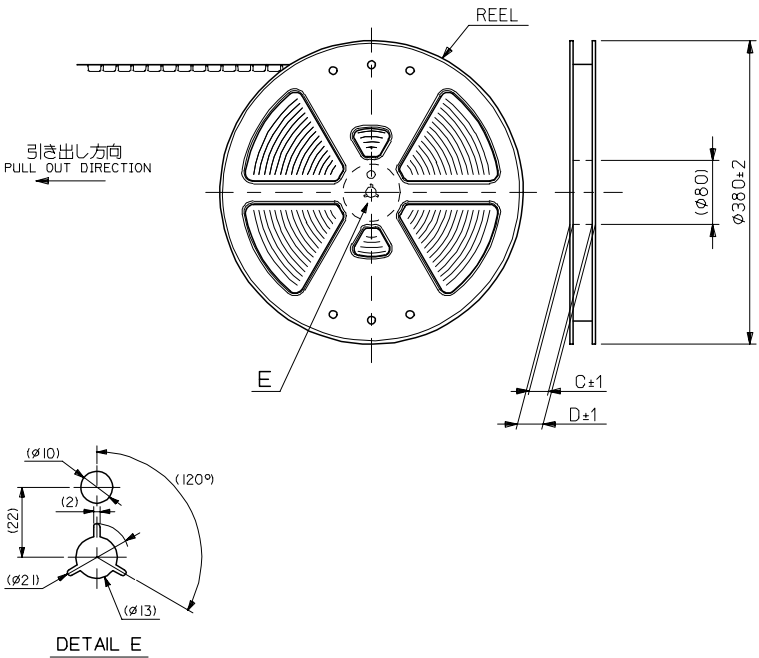
B

A

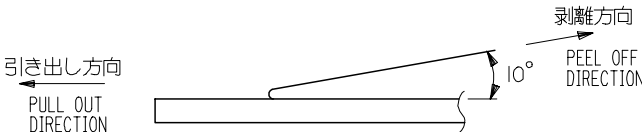
A

NOTES

1. 製品詳細寸法については図面 SD-51345-007 を参照下さい。
RE DETAILED DIMENSION, SEE SD-51345-007
2. 梱包数量：2000個／リール
NUMBER OF CONNECTORS：2000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH

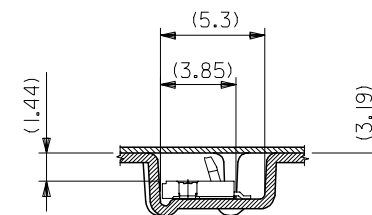
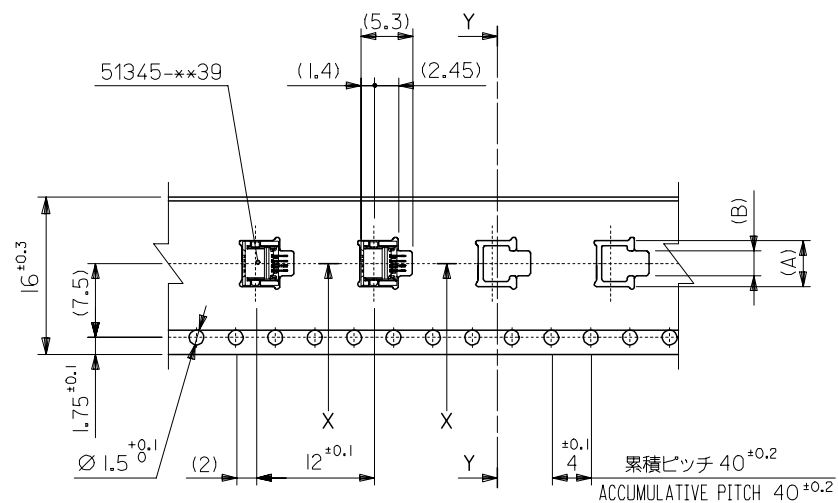


4. トップテープの剥離強度：0.1N～1.3N（10gf～130gf）（剥離方向は下図参照）
尚、本規格値は出荷時に適用。（但し、輸送時に剥離が発生しないこと。）
PEELING OFF FORCE OF TOP TAPE：0.1N～1.3N（10gf～130gf）
（PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.）
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED ,DURING TRANSPORTATION.



5. 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 (P S) <リサイクル材を含む>
POLYSTYRENE(P S) <RECYCLE MATERIAL CONTAINED>
6. 本製品は 51345-**92 の金具を錫メッキにしたものである。
THIS PRODUCT IS TIN-PLATED NAIL OF 51345-**92.

51345-**72		MODEL No.	
DESIGN UNITS		THIRD ANGLE PROJECTION	
METRIC			
GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE	
10 UNDER ± ---		EMBSTP PKG FOR 0.5 FPC	
10 OVER 30 UNDER ± ---		CONN EO (HGT=0.9)	
30 OVER ± ---		-LEAD FREE-	
ANGULAR ± --- °		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-51345-008	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

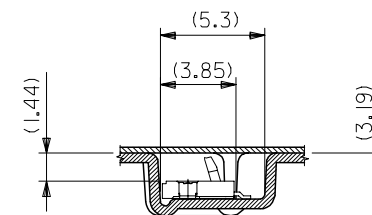
SECT. Y-Y

SECT. X-X

16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE

I6	21.4	17.4	3.5	5.7	51345-0672	6
			2.5	4.7	51345-0472	4
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極数 Ckt

RELEASED EC NO: J2005-2352 DRAWN: NAKIDA 2005/02/14 CHECKED: K. TOYODA 2005/02/15 APPR: NUKITA 2005/02/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY N. AIDA	DATE '05/02/10	TITLE EMBSTP PKG FOR 0.5 FPC CONN EO (HGT=0.9) -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K. TOYODA	DATE '05/02/10					
		30 OVER	± ---	APPROVED BY N. UKITA	DATE '05/02/10					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51345-008		2 OF 3			
0	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



SECT. X-X

SECT. Y-Y

24mm幅キャリアテープ

24	29.4	25.4	12.5	14.7	51345-2472	24
			10.0	12.2	51345-1972	19
			9.5	11.7	51345-1872	18
			9.0	11.2	51345-1772	17
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極寸 CK

RELEASED EC NO: J2005-2352 DRAWN:WADA 2005/02/14 CHK'D:K TOYODA 2005/02/15 APPR:NUKITA 2005/02/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY N.AIDA	DATE '05/02/11	TITLE EMBSTP PKG FOR 0.5 FPC CONN EO (HGT=0.9) -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOYODA	DATE '05/02/11					
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/11					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51345-008		3 OF 3			
REV 0			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						