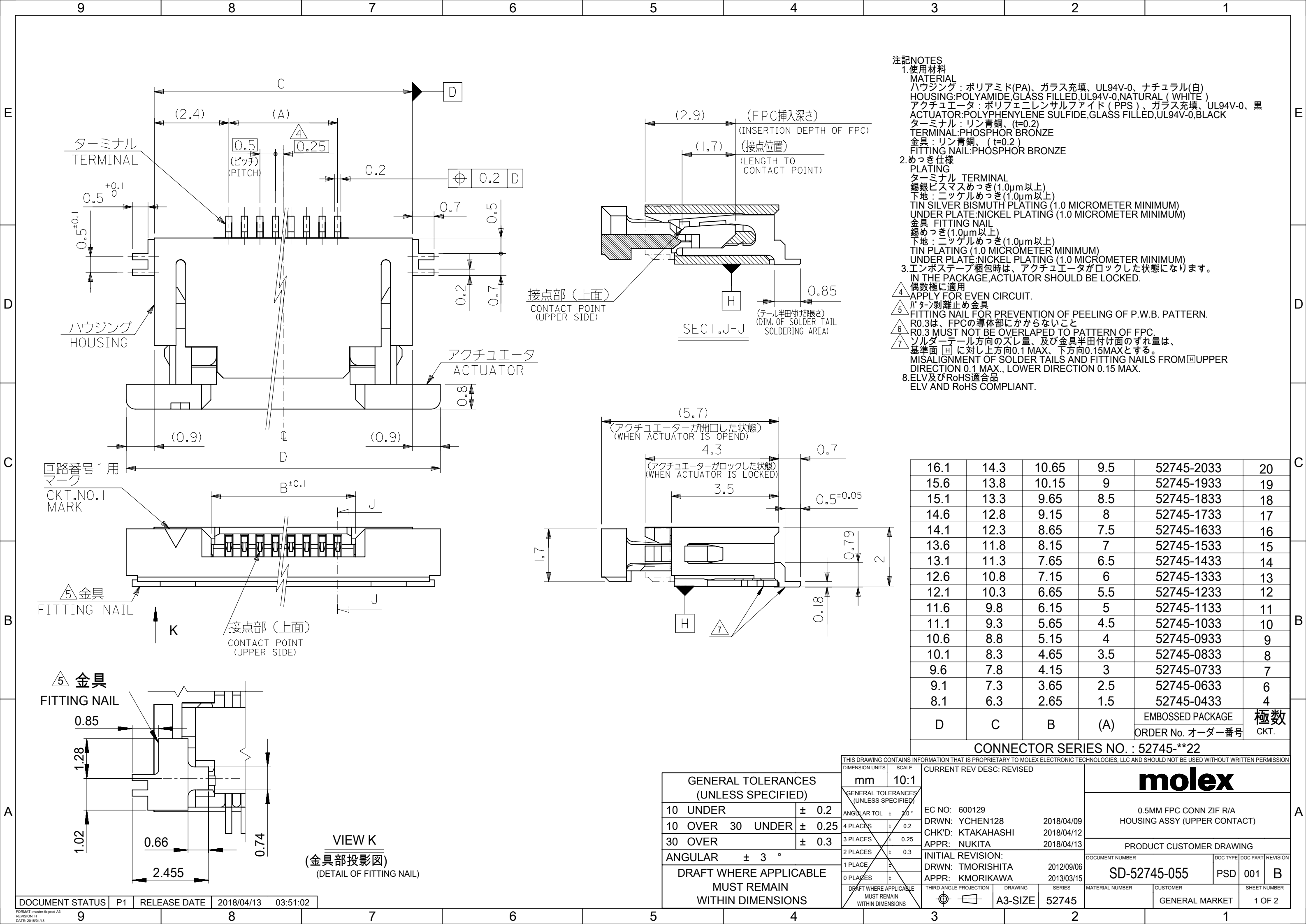




注記NOTES

1.使用材料
MATERIAL
ハウジング: ポリアミド(PA)、ガラス充填、UL94V-0、ナチュラル(白)
HOUSING: POLYAMIDE, GLASS FILLED, UL94V-0, NATURAL (WHITE)
アクチュエータ: ポリフェニレンサルファイド (PPS)、ガラス充填、UL94V-0、黒
ACTUATOR: POLYPHENYLENE SULFIDE, GLASS FILLED, UL94V-0, BLACK
ターミナル: リン青銅、(t=0.2)
TERMINAL: PHOSPHOR BRONZE
金具: リン青銅、(t=0.2)
FITTING NAIL: PHOSPHOR BRONZE

2.めっき仕様
PLATING
ターミナル TERMINAL
錫銀ビスマスめっき (1.0μm以上)
下地: ニッケルめっき (1.0μm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE: NICKEL PLATING (1.0 MICROMETER MINIMUM)
金具 FITTING NAIL
錫めっき (1.0μm以上)
下地: ニッケルめっき (1.0μm以上)
TIN PLATING (1.0 MICROMETER MINIMUM)
UNDER PLATE: NICKEL PLATING (1.0 MICROMETER MINIMUM)

3.エンボステープ梱包時は、アクチュエータがロックした状態になります。
IN THE PACKAGE, ACTUATOR SHOULD BE LOCKED.

4.偶数極に適用
APPLY FOR EVEN CIRCUIT.

5.パターン剥離止め金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.W.B. PATTERN.

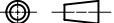
6.R0.3は、FPCの導体部にかからないこと
R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

7.ソルダーテール方向のズレ量、及び金具半田付け面のズレ量は、基準面 [H] に対し上方向0.1 MAX、下方向0.15MAXとする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM [H] UPPER DIRECTION 0.1 MAX., LOWER DIRECTION 0.15 MAX.

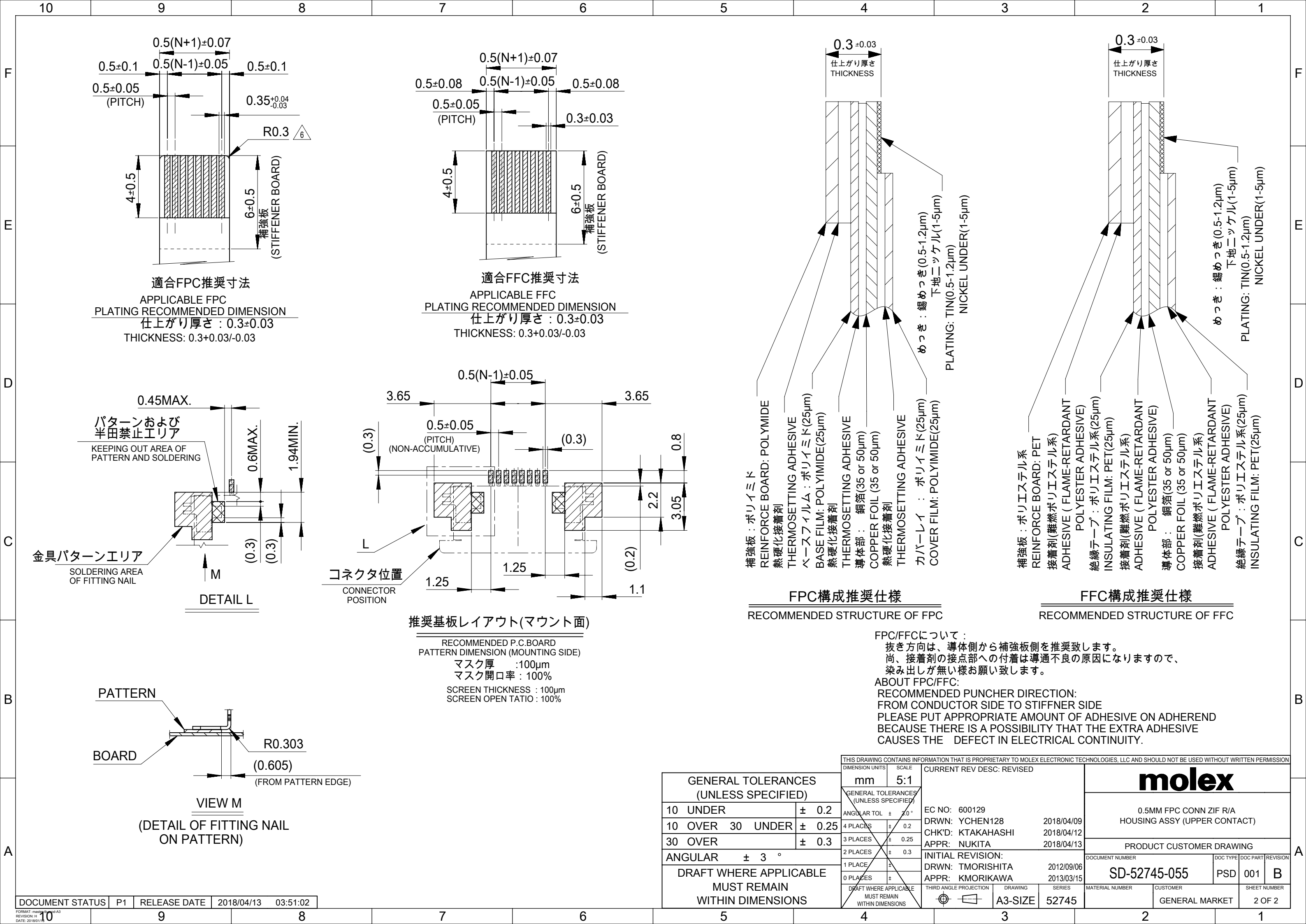
8.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.

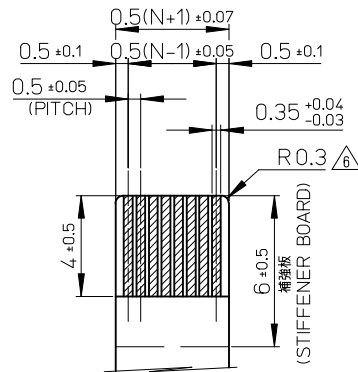
16.1	14.3	10.65	9.5	52745-2033	20
15.6	13.8	10.15	9	52745-1933	19
15.1	13.3	9.65	8.5	52745-1833	18
14.6	12.8	9.15	8	52745-1733	17
14.1	12.3	8.65	7.5	52745-1633	16
13.6	11.8	8.15	7	52745-1533	15
13.1	11.3	7.65	6.5	52745-1433	14
12.6	10.8	7.15	6	52745-1333	13
12.1	10.3	6.65	5.5	52745-1233	12
11.6	9.8	6.15	5	52745-1133	11
11.1	9.3	5.65	4.5	52745-1033	10
10.6	8.8	5.15	4	52745-0933	9
10.1	8.3	4.65	3.5	52745-0833	8
9.6	7.8	4.15	3	52745-0733	7
9.1	7.3	3.65	2.5	52745-0633	6
8.1	6.3	2.65	1.5	52745-0433	4
D	C	B	(A)	EMBOSSED PACKAGE	極数 CKT.
				ORDER No. オーダー番号	

CONNECTOR SERIES NO. : 52745-**22

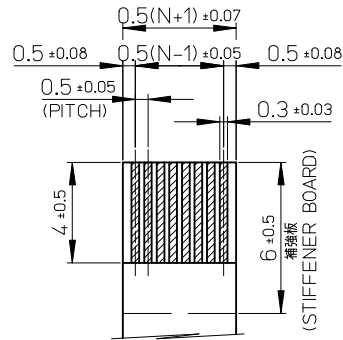
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS				SCALE		CURRENT REV DESC: REVISED				
mm				10:1		molex 0.5MM FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTACT)				
GENERAL TOLERANCES (UNLESS SPECIFIED)				GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL ± 30 °				EC NO: 600129						
4 PLACES ± 0.2				DRWN: YCHEN128 2018/04/09						
3 PLACES ± 0.25				CHK'D: KTAKAHASHI 2018/04/12						
2 PLACES ± 0.3				APPR: NUKITA 2018/04/13		PRODUCT CUSTOMER DRAWING				
1 PLACE ±				INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ±				DRWN: TMORISHITA 2012/09/06		SD-52745-055		PSD	001	B
0 PLACES ±				APPR: KMORIKAWA 2013/03/15						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER
						A3-SIZE	52745			GENERAL MARKET
										SHEET NUMBER
										1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/13	03:51:02
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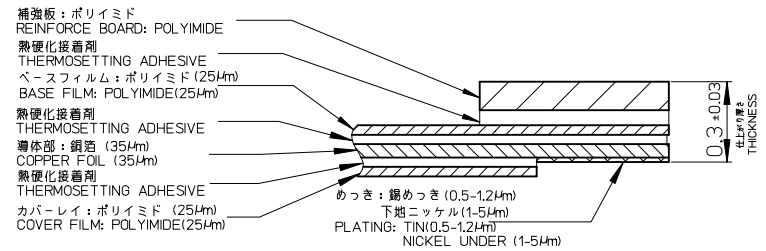




適合FPC推奨寸法
APPLICABLE FPC
PLATING RECOMMENDED DIMENSION
仕上がり厚さ: 0.3±0.03
THICKNESS: 0.3+0.03/-0.03



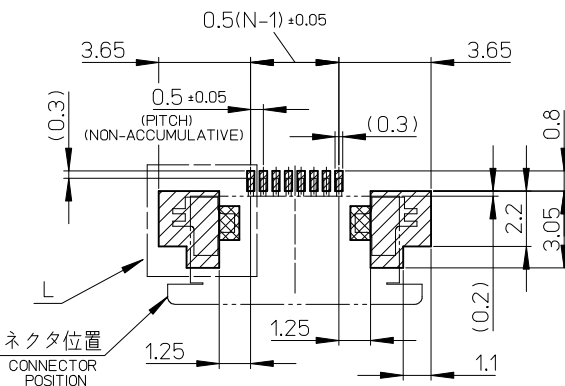
適合FFC推奨寸法
APPLICABLE FFC
PLATING RECOMMENDED DIMENSION
仕上がり厚さ: 0.3±0.03
THICKNESS: 0.3+0.03/-0.03



FPC構成推奨仕様
STRUCTURE OF FPC

FPCについて:
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。
尚、接着剤の接点部への付着は導通不良の原因になりますので、
染み出しが無い様お願い致します。

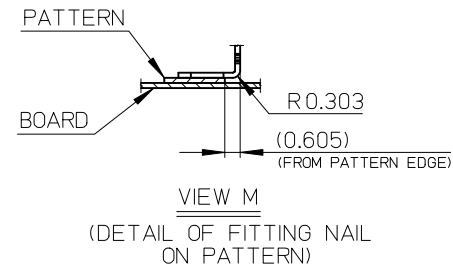
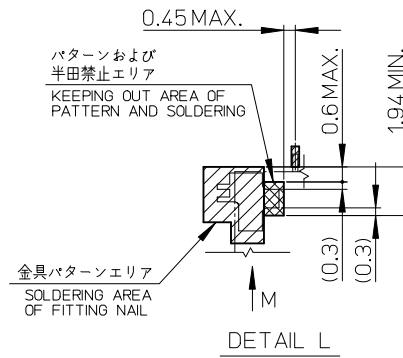
ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE
RECOMMENDED MATERIAL: STIFFENER FILM POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE
CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.



推奨基板レイアウト
(マウント面)

RECOMMENDED P.C BOARD
PATTERN DIMENSION
(MOUNTING SIDE)

マスク厚 : 100 μm
マスク開口率 : 100 %
SCREEN THICKNESS : 100 μm
SCREEN OPEN TATIO : 100 %



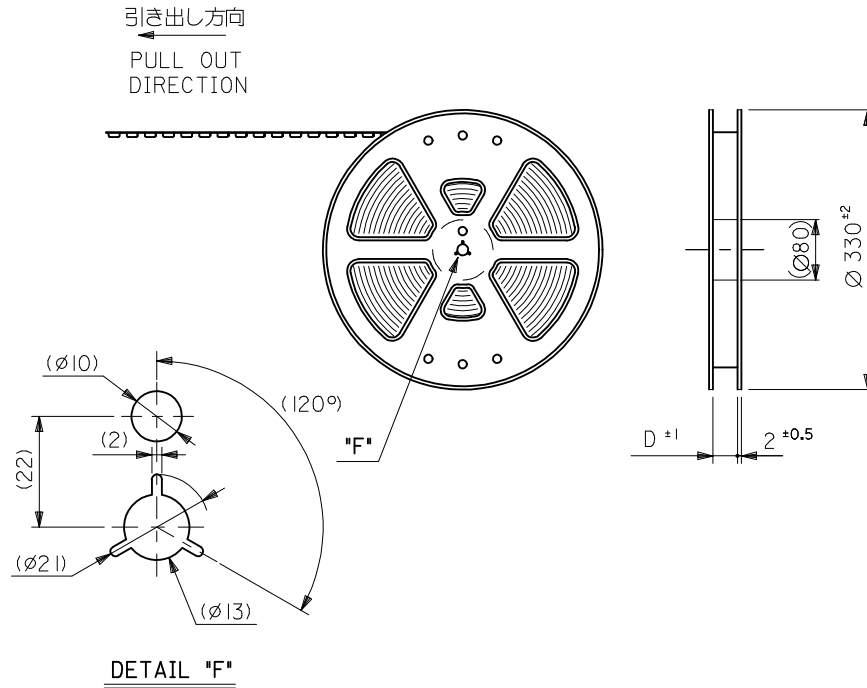
REVISED	EC NO.: J2013-1168	2013/03/15	DRWN:KONDO	2013/03/15	CHKD:KAKAHASHI	2013/03/15	APPR:KMORIKAWA	2013/04/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
									10 UNDER ± 0.2		DRAWN BY TMORISHITA	DATE 2012/09/06	TITLE 0.5MM FPC CONN ZIF R/A HOUSING ASSY (UPPER CONTACT)				
									10 OVER 30 UNDER ± 0.25		CHECKED BY KTAKAHASHI	DATE 2013/04/15					
									30 OVER ± 0.3		APPROVED BY KMORIKAWA		DATE 2013/03/15	molex			
									ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER PART		SD-52745-055		2 OF 2		
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

注記 NOTES

- 製品番号 52745-**-22の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については図面SD-52745-055を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52745-**-22 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52745-055
- 梱包数量：1000個/リール
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

トップテープ リーダー部	トップテープ 未接着部
175 ±25	25 ±5
TOP TAPE LEADER PART	TOP TAPE NON-BONDED PART

引き出し方向 PULL OUT DIRECTION	リーダー部 (空部) LEADER PART (EMPTY)	部品挿入部 COMPONENT SUPPLIER	末端部 (空部) TAIL PART (EMPTY)
	120 ±20		150 ±40
- カバートープの剥離強度については、IEC60286-3 に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.



5. 材料
 キャリアテープ：ポリプロピレン (PP)
 トップテープ：PET, PE, PEF
 リール：ポリスチレン (PS) <リサイクル材を含む>

MATERIAL CARRIER TAPE:POLYPROPYLENE
 TOP TAPE:PET,PE,PEF
 REEL:POLYSTYREN(PS)
 <RECYCLE MATERIAL CONTAINED>

6. ELV 及び RoHS 適合品
 ELV AND RoHS COMPLIANT

RELEASED EC NO: J2013-1014 DRWN:TMORISHITA 2012/09/05 CHKD:KTAKAHASHI 2012/09/07 APPR:KMORIKAWA 2013/03/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY TMORISHITA	DATE 2012/09/05	TITLE EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/07					
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15	molex				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52745-056			1 OF 3		
	REV			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

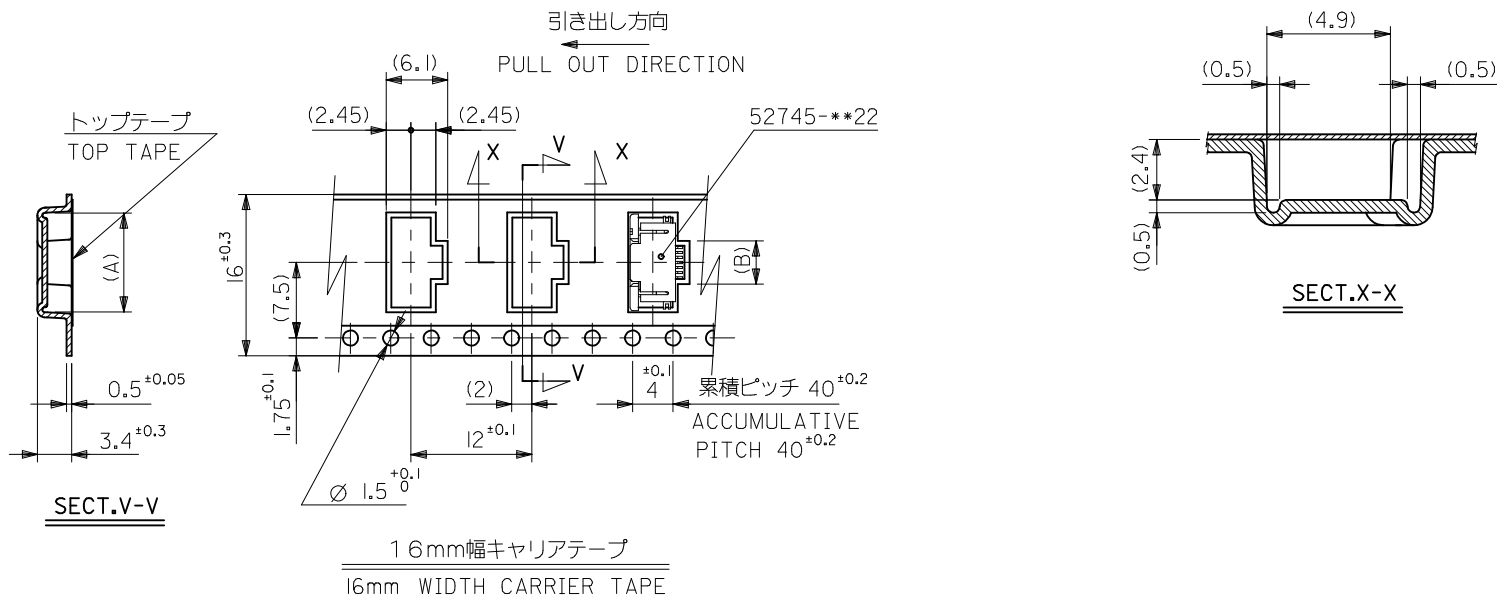
E

D

C

B

A



16	17.5	2.8	8.4	52745-0433	4
キャリアテープ幅 CARRIER TAPE WIDTH	D	(B)	(A)	EMBOSSED PACKAGE ORDER No. オーダー番号	極数 CIRCUIT

RELEASED EC NO: J2013-1014 DRWN: TMORISHITA 2012/09/05 CHKD: KTAKAHASHI 2012/09/07 APPR: KMORIKAWA 2013/03/15	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY molex		DOCUMENT NO. SD-52745-056		SHEET NO. 3 OF 3	
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE						
		30 OVER	±0.3	APPROVED BY	DATE						
		ANGULAR	±3 °	MATERIAL NO.	2013/03/15						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2