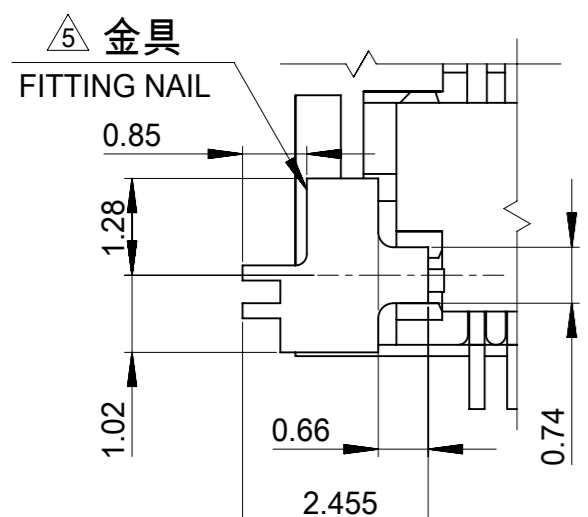
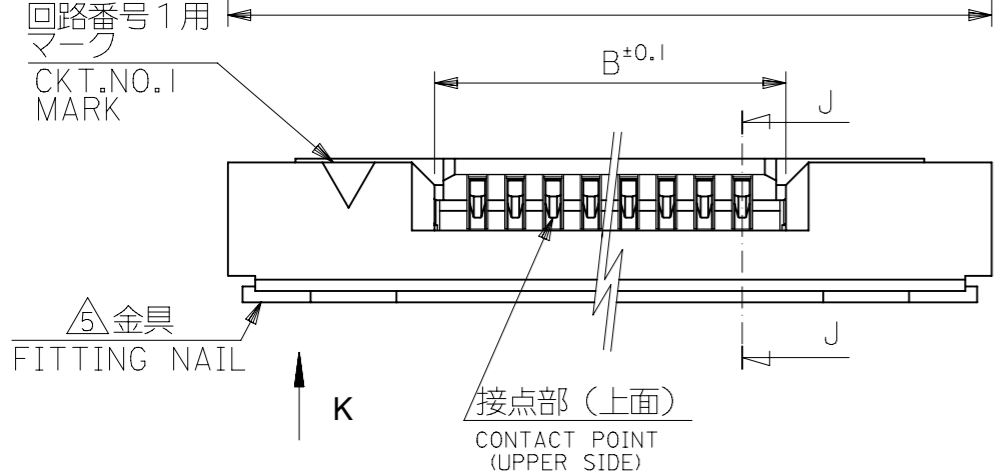
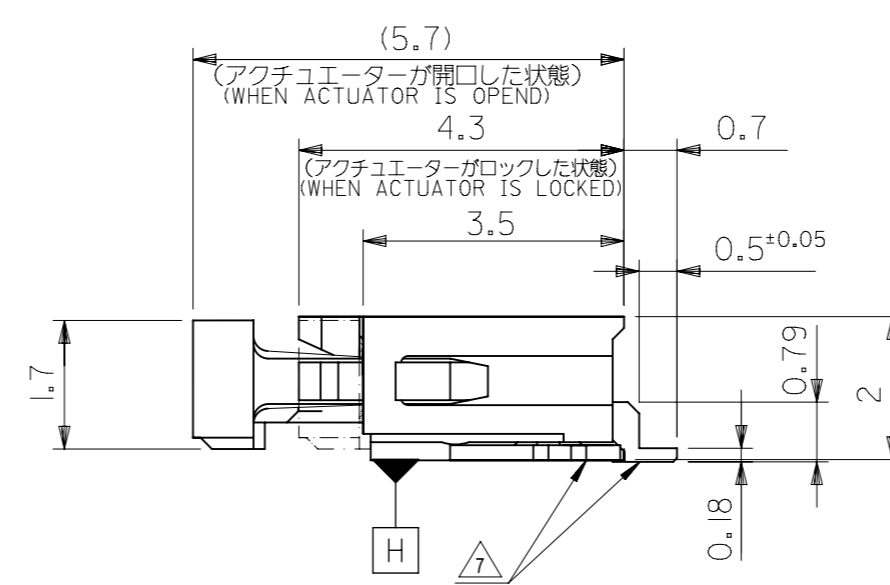


接点部 (上面)  
CONTACT POINT  
(UPPER SIDE)



VIEW K  
(金具部投影図)  
(DETAIL OF FITTING NAIL)

- 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.
  - △ 偶数極に適用  
APPLY FOR EVEN CIRCUIT.
  - △ 剥離防止めっき  
FITTING NAIL FOR PREVENTION OF PEELING OF P.W.B. PATTERN.
  - △ 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.
  - △ 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 に対して上方向0.1 MAX、下方向0.15MAXとする。  
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM 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
15.1	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)	EMBOSSD PACKAGE	極数
ORDER No. オーダー番号					CKT.

CONNECTOR SERIES NO. : 52745-\*\*22

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

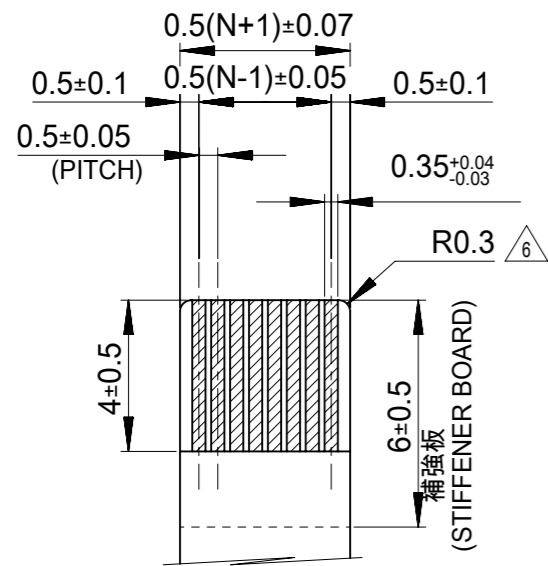
DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512672.
mm	10:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	± 30 °	
4 PLACES	± 0.2	
3 PLACES	± 0.25	
2 PLACES	± 0.3	
1 PLACE	±	
0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

EC NO: 724799  
DRWN: SUGEEB 2022/10/20  
CHK'D: GGA 2022/11/03  
APPR: GGA 2022/11/03

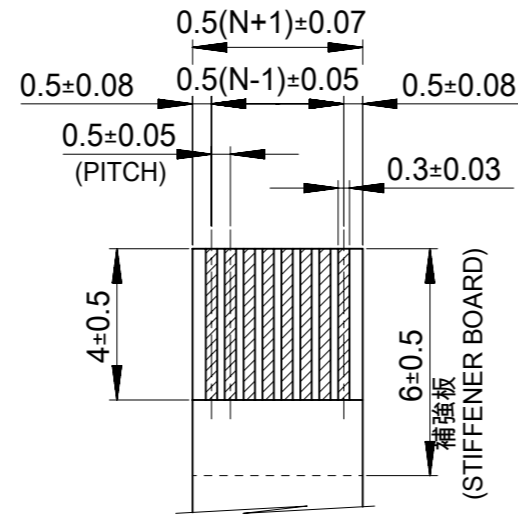
INITIAL REVISION:  
DRWN: TMORISHITA 2012/09/06  
APPR: KMORIKAWA 2013/03/15

THIRD ANGLE PROJECTION

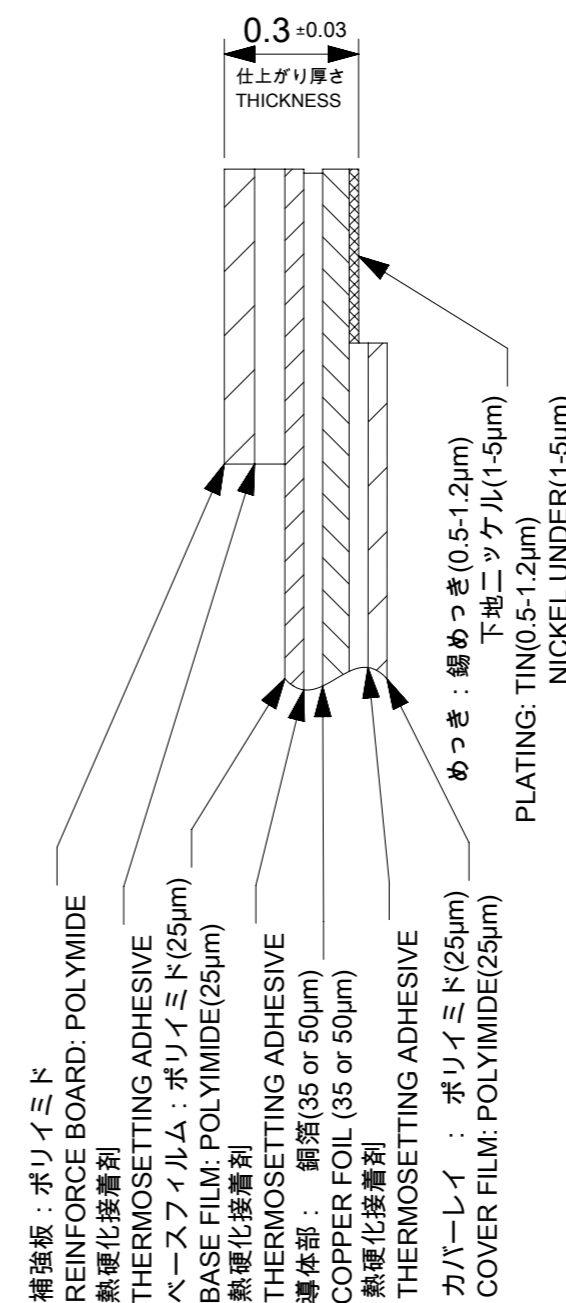
DRAWING: A3-SIZE  
SERIES: 52745  
MATERIAL NUMBER: SEE CHART  
CUSTOMER: GENERAL MARKET  
DOCUMENT NUMBER: SD-52745-055  
DOC TYPE: PSD  
DOC PART: 001  
REVISION: B1  
SHEET NUMBER: 1 OF 2



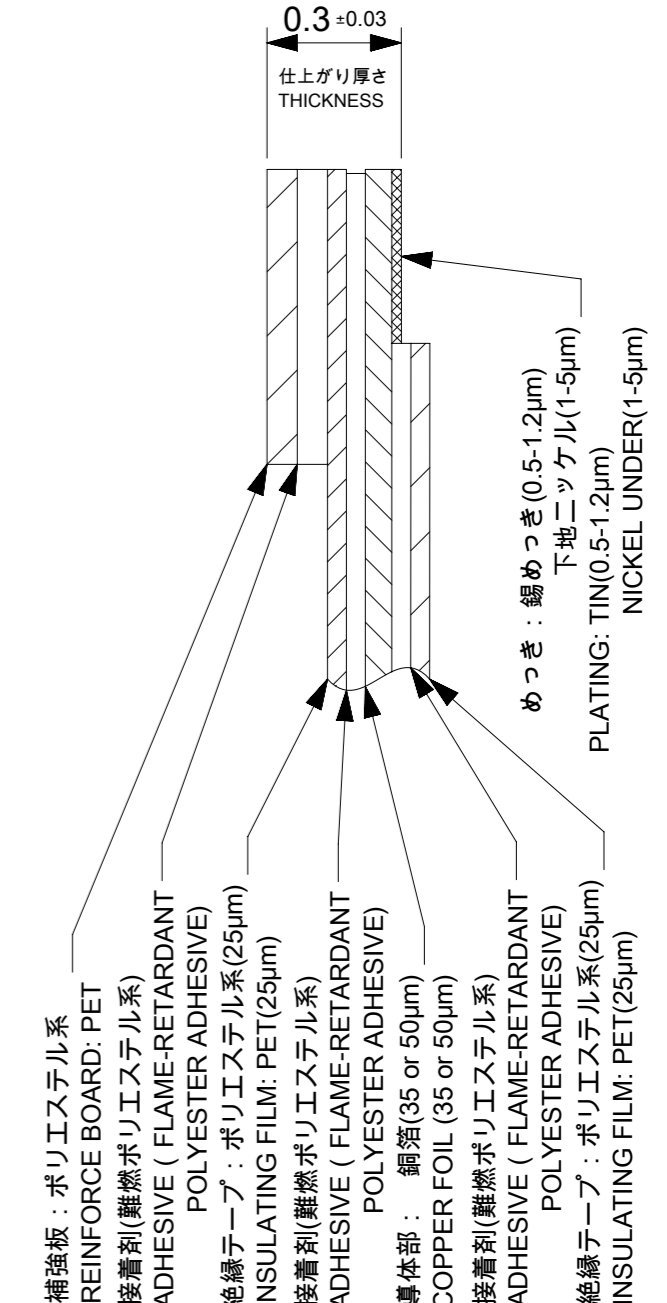
適合FPC推奨寸法  
 APPLICABLE FPC  
 PLATING RECOMMENDED DIMENSION  
 仕上がり厚さ : 0.3±0.03  
 THICKNESS: 0.3+0.03/-0.03



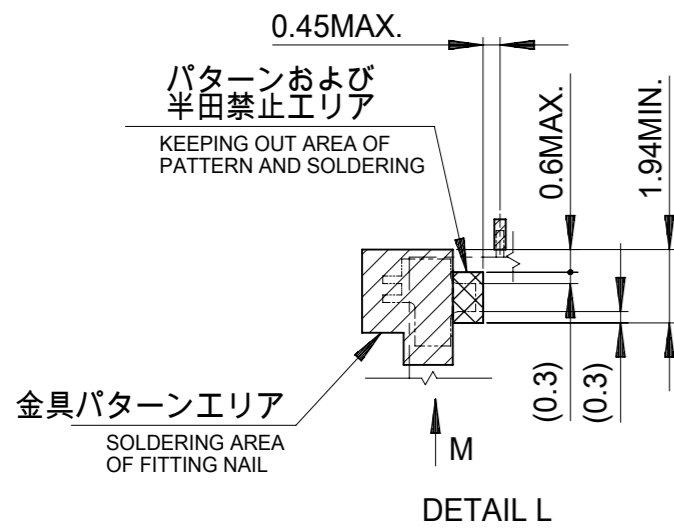
適合FFC推奨寸法  
 APPLICABLE FFC  
 PLATING RECOMMENDED DIMENSION  
 仕上がり厚さ : 0.3±0.03  
 THICKNESS: 0.3+0.03/-0.03



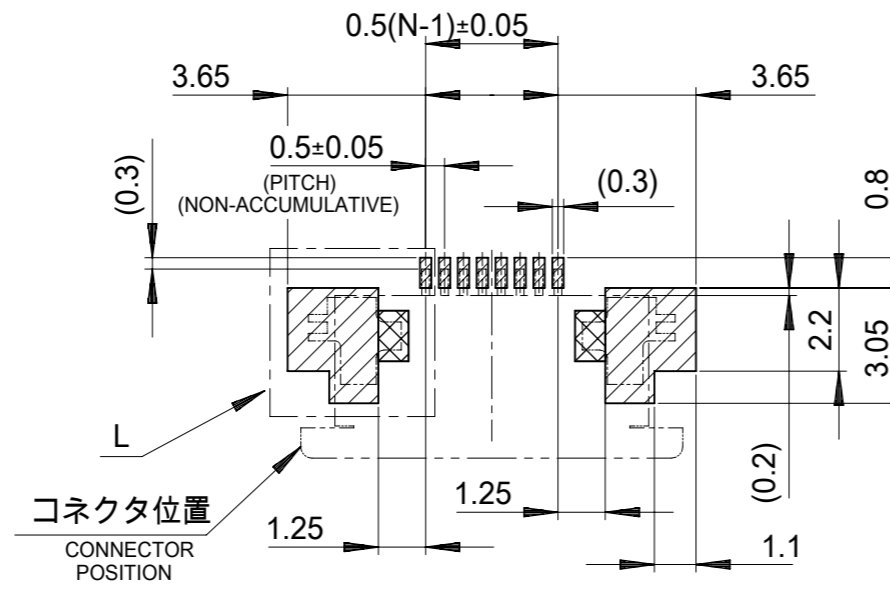
FPC構成推奨仕様  
 RECOMMENDED STRUCTURE OF FPC



FFC構成推奨仕様  
 RECOMMENDED STRUCTURE OF FFC

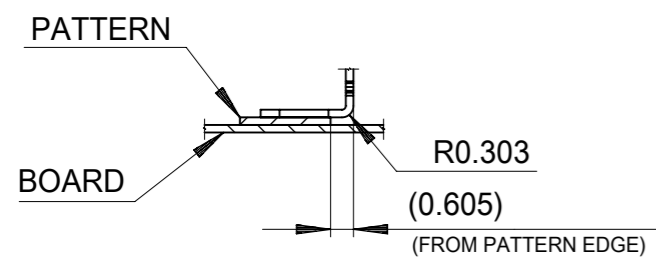


金具パターンエリア  
 SOLDERING AREA  
 OF FITTING NAIL



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



VIEW M  
 (DETAIL OF FITTING NAIL  
 ON PATTERN)

FPC/FFC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。  
 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/FFC:  
 RECOMMENDED PUNCHER DIRECTION:  
 FROM CONDUCTOR SIDE TO STIFFNER SIDE  
 PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND  
 BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE  
 CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

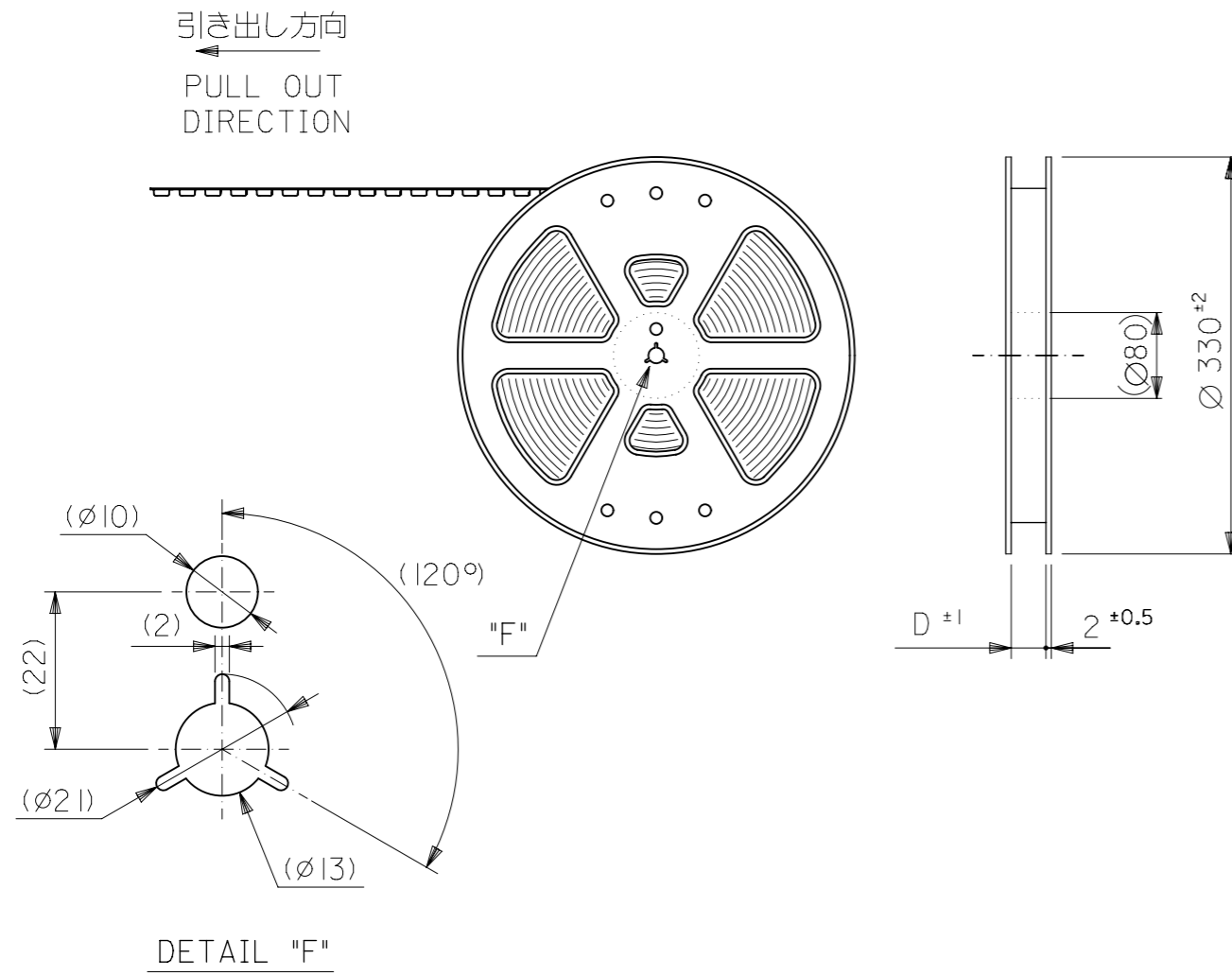
GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS	SCALE
mm	5:1
CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512672.	
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 30 °
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION	
DRAWING	
SERIES	
MATERIAL NUMBER	
CUSTOMER	
SHEET NUMBER	
EC NO: 724799	DRWN: SUGEEB
2022/10/20	2022/11/03
CHK'D: GGA	APPR: GGA
2022/11/03	2022/11/03
INITIAL REVISION:	
DRWN: TMORISHITA	2012/09/06
APPR: KMORIKAWA	2013/03/15
DOCUMENT NUMBER	
DOC TYPE	
DOC PART	
REVISION	
SD-52745-055	
PSD 001 B1	
SEE CHART	
GENERAL MARKET	
2 OF 2	

**molex**

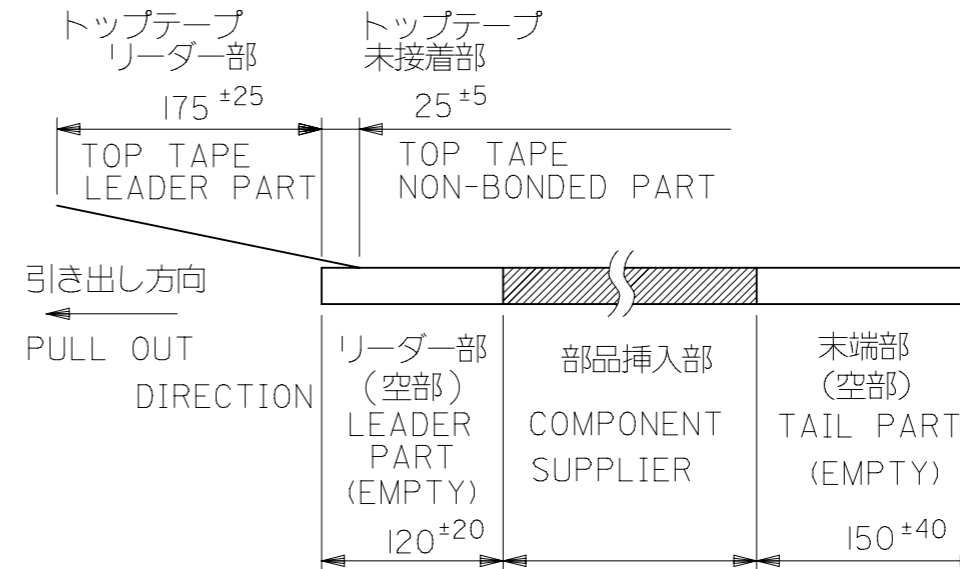
0.5MM FPC CONN ZIF R/A  
 HOUSING ASSY (UPPER CONTACT)

PRODUCT CUSTOMER DRAWING



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



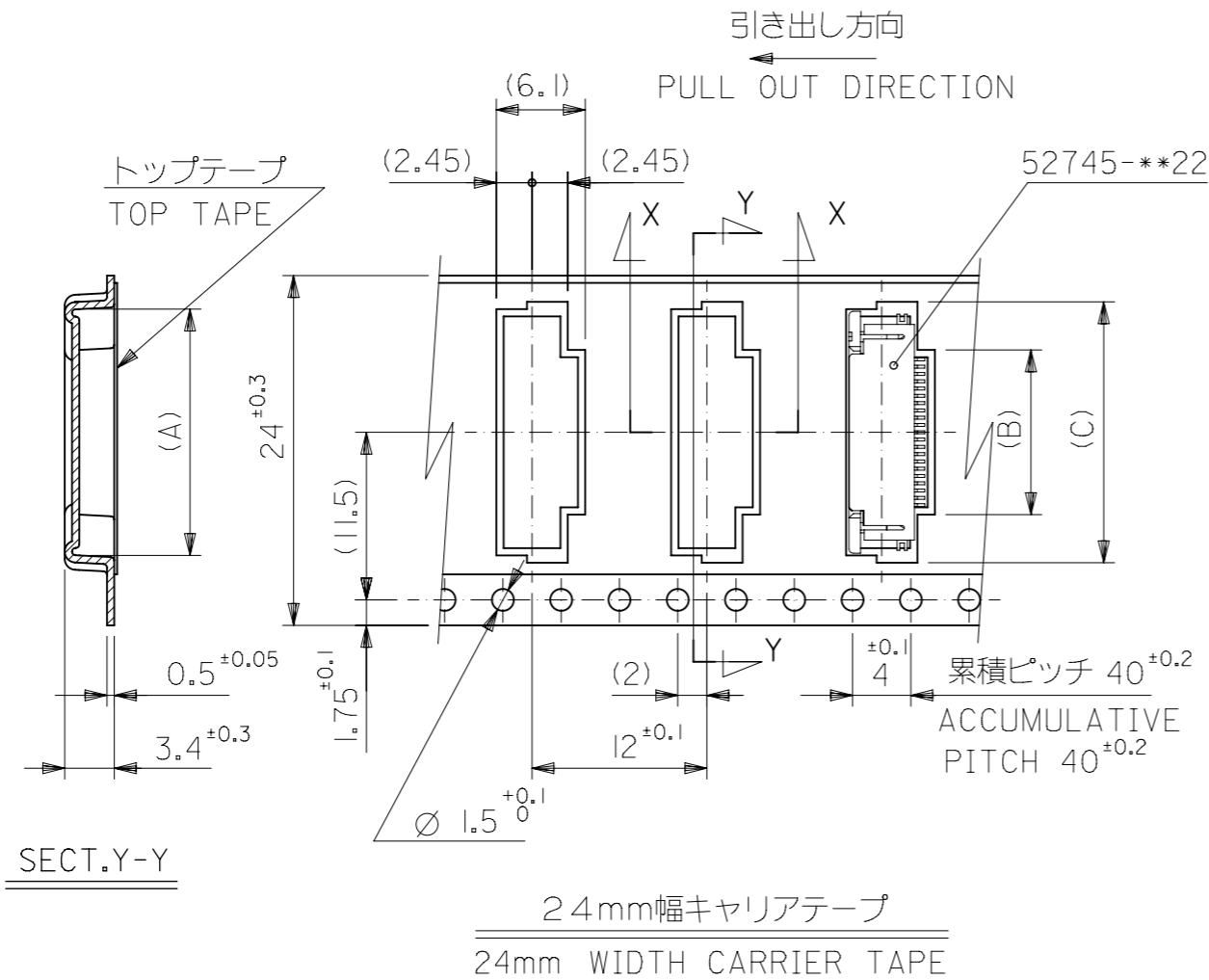
- カバーテープの剥離強度については、IEC60286-3 に準拠  
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS <b>mm</b>	SCALE <b>NTS</b>
CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512672.	
<b>molex</b>	
EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY	
PRODUCT CUSTOMER DRAWING	
GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 724799 DRWN: SUGEEB CHK'D: GGA APPR: GGA
10 <sup>UNDER</sup> ±0.2	2022/10/21 2022/11/03 2022/11/03
10 <sup>OVER</sup> 30 <sup>UNDER</sup> ±0.25	INITIAL REVISION: DRWN: TMORISHITA APPR: KMORIKAWA
30 <sup>OVER</sup> ±0.3	2012/09/05 2013/03/15
ANGULAR ±3°	DOCUMENT NUMBER <b>SD-52745-056</b>
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DOC TYPE PSD
THIRD ANGLE PROJECTION DRAWING A3-SIZE	DOC PART 001
SERIES 52745	REVISION A
MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL
SHEET NUMBER 1 OF 3	



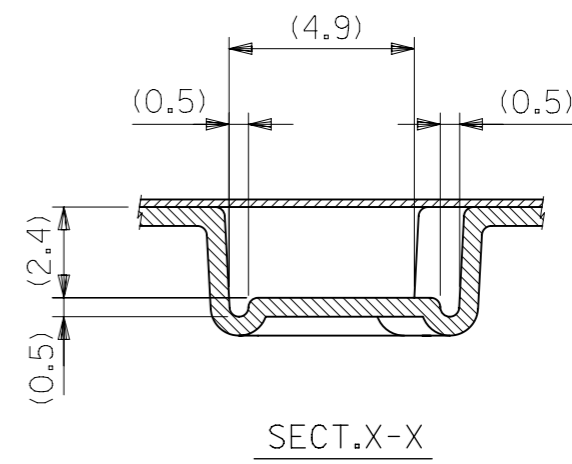
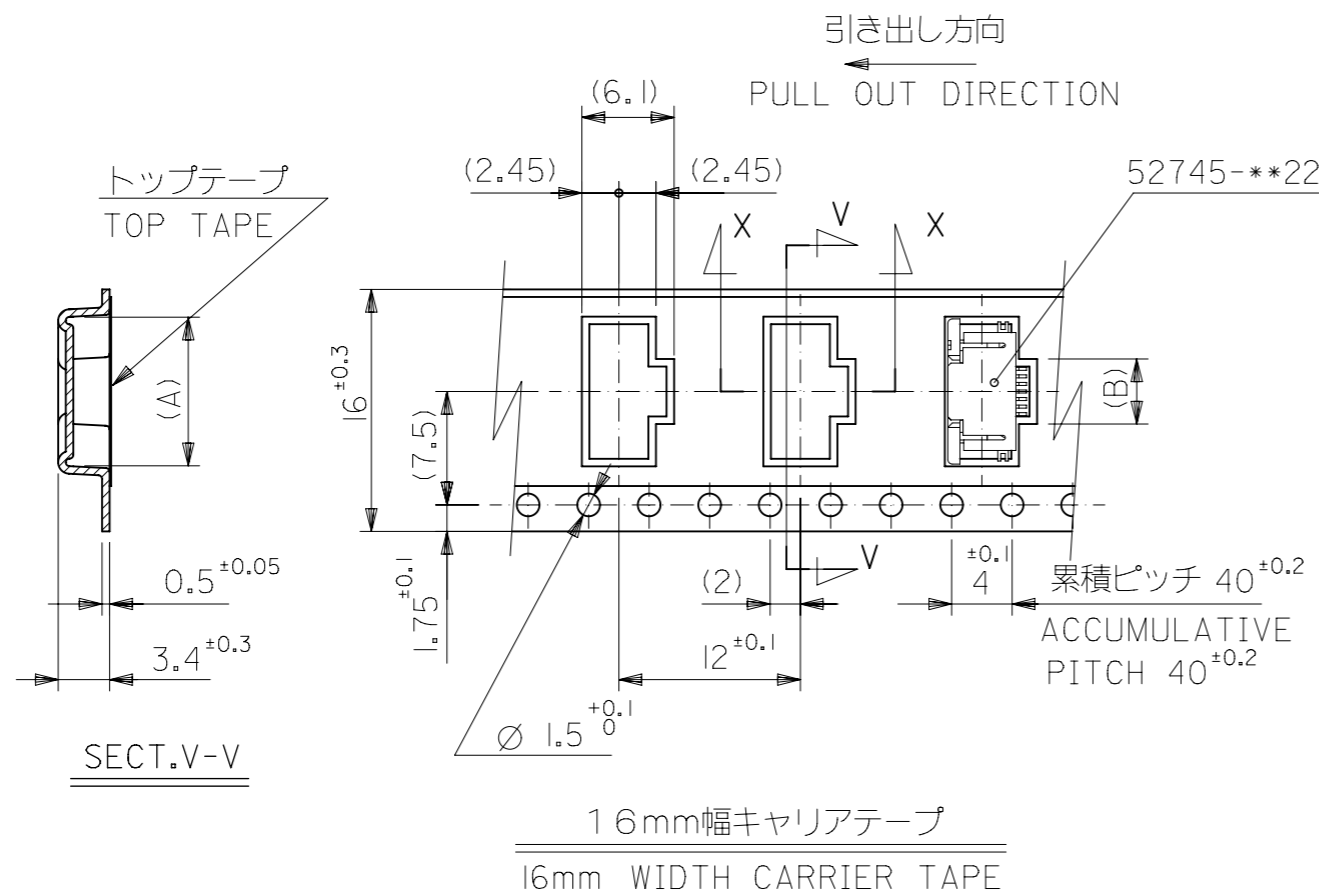
24	25.5	17.4	10.8	16.4	52745-2033	20
		16.4	9.8	15.4	-1833	18
		15.9	9.3	14.9	-1733	17
		15.4	8.8	14.4	-1633	16
		14.9	8.3	13.9	-1533	15
		14.4	7.8	13.4	-1433	14
		13.9	7.3	12.9	-1333	13
		13.4	6.8	12.4	-1233	12
		12.9	6.3	11.9	-1133	11
		12.4	5.8	11.4	-1033	10
		11.9	5.3	10.9	-0933	9
		11.4	4.8	10.4	-0833	8
10.9	4.3	9.9	-0733	7		
10.4	3.8	9.4	52745-06 33	6		
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	EMBOSSED PACKAGE	極数
					ORDER No. オークター番号	CIRCUIT

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 mm	SCALE NTS	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512672.	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 724799 DRWN: SUGEEB CHK'D: GGA APPR: GGA			
GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:	PRODUCT CUSTOMER DRAWING		
4 PLACES ± 0.2 3 PLACES ± 0.25 2 PLACES ± 0.3 1 PLACE ± 0 PLACES ±		DRWN: TMORISHITA APPR: KMORIKAWA	2012/09/05 2013/03/15	DOCUMENT NUMBER <b>SD-52745-056</b>	DOC TYPE PSD
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 52745	CUSTOMER GENERAL
ANGULAR ±3°				MATERIAL NUMBER SEE TABLE	DOC PART 001
					REVISION A
					SHEET NUMBER 2 OF 3

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 <sup>UNDER</sup>	±0.2
10 <sup>OVER</sup> 30 <sup>UNDER</sup>	±0.25
30 <sup>OVER</sup>	±0.3
ANGULAR ±3°	



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	極数
				ORDER No. オーダー番号	CIRCUIT

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: REMOVED OBSOLETE PART NUMBER AS PER PCN#512672.			
mm	NTS	<p><b>molex</b></p> <p>EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-52745-056 DOC TYPE: PSD DOC PART: 001 REVISION: A</p> <p>SHEET NUMBER: 3 OF 3</p>			
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL	± 3.0°				
4 PLACES	± 0.2				
3 PLACES	± 0.25				
2 PLACES	± 0.3				
1 PLACE	±	EC NO: 724799	2022/10/21		
0 PLACES	±	DRWN: SUGEEB	2022/11/03		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHK'D: GGA	2022/11/03		
THIRD ANGLE PROJECTION		APPR: GGA			
DRAWING		INITIAL REVISION:			
A3-SIZE		DRWN: TMORISHITA	2012/09/05		
SERIES		APPR: KMORIKAWA	2013/03/15		
MATERIAL NUMBER		CUSTOMER			
SEE TABLE		GENERAL			

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 <sup>UNDER</sup>	±0.2
10 <sup>OVER</sup> 30 <sup>UNDER</sup>	±0.25
30 <sup>OVER</sup>	±0.3
ANGULAR ±3°	