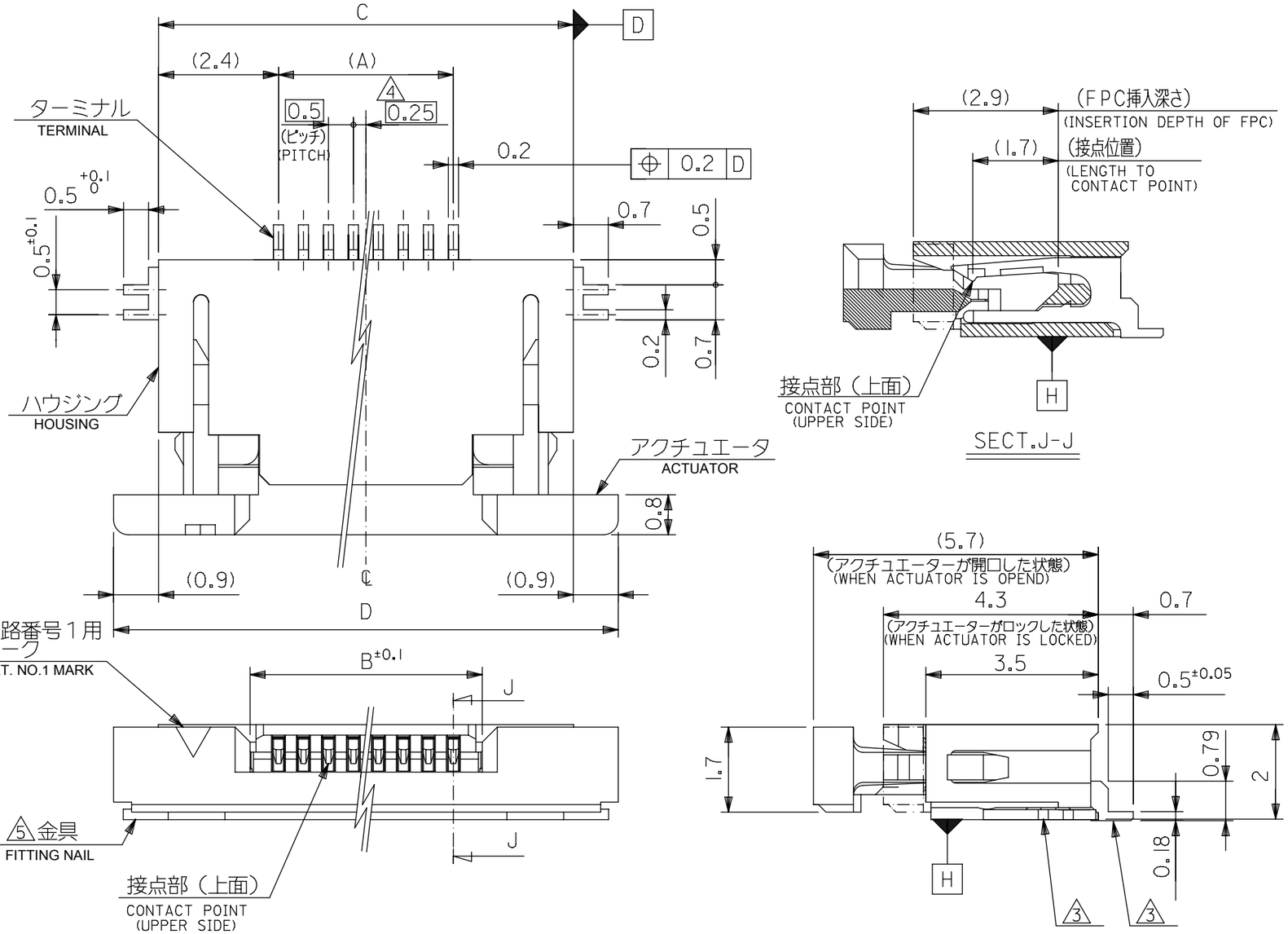


SECT.J-J

注記 NOTES

1. 使用材料　MATERIAL

ハウジング HOUSING	：ポリアミド４６、ガラス充填、ＵＬ９４Ｖ－０（白） POLYAMIDE46, GLASS FILLED, UL94V-0(WHITE)
アクチュエータ ACTUATOR	：ポリフェニレンサルファイド　ガラス充填、ＵＬ９４Ｖ－０（黒） POLYPHENYLENE SULFIDE ,GLASS FILLED, UL94V-0(BLACK)
ターミナル TERMINAL	：リン青銅、ニッケル下地錫ビスマスメッキ（ｔ＝０．２） PHOSPOR BRONZE ,TIN-BISMUTH OVER NICKEL PLATING
金具 FITTING NAIL	：リン青銅、ニッケル下地純錫メッキ（ｔ＝０．２） PHOSPOR BRONZE ,TIN OVER NICKEL PLATING

2. エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE,ACTUATOR OF PART NO. 52745-**19 SHOULD BE LOCKED.

3. ソルダーテール半田付け面のズレ量、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: 0.15MAX.

4. 偶数極に適用。
APPLY FOR EVEN CIRCUIT.

5. パターンはくり止め用金具
FITTING NAIL FOR PREVENTION OF PEELING
OF P.C.B. PATTERN.

6. 本製品は　５２７４５－＊＊１７　の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52745-**17

7. ＲＯ．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.

16.1	14.3	10.65	9.5	52745-2096	52745-2019	20
15.6	13.8	10.15	9.0	-1996	-1919	19
15.1	13.3	9.65	8.5	-1896	-1819	18
14.6	12.8	9.15	8.0	-1796	-1719	17
14.1	12.3	8.65	7.5	-1696	-1619	16
13.6	11.8	8.15	7.0	-1596	-1519	15
13.1	11.3	7.65	6.5	-1496	-1419	14
12.6	10.8	7.15	6.0	-1396	-1319	13
12.1	10.3	6.65	5.5	-1296	-1219	12
11.6	9.8	6.15	5.0	-1196	-1119	11
11.1	9.3	5.65	4.5	-1096	-1019	10
10.6	8.8	5.15	4.0	-0996	-0919	9
10.1	8.3	4.65	3.5	-0896	-0819	8
9.6	7.8	4.15	3.0	-0796	-0719	7
9.1	7.3	3.65	2.5	-0696	-0619	6
8.1	6.3	2.65	1.5	52745-0496	52745-0419	4
D	C	B	(A)	EMBOSSED TAPE ORDER No. オーダー番号	MATERIAL NO.	極数 CIRCUIT

52745-**19 MODEL NO.

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10^{UNDER}	±0.2
10^{OVER} 30^{UNDER}	±0.25
30^{OVER}	±0.3
ANGULAR	±3 °

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 758488
DRWN: RAJMOK 2023/07/27
CHK'D: HSHIMOYAMA 2023/08/03
APPR: YNAITO 2023/08/03

INITIAL REVISION:
DRWN: TUENO 2004/01/14
APPR: MSASAO 2004/01/19

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 52745

molex

0.5 FPC CONN ASSY ZIF
UPR CONT -LEAD FREE-

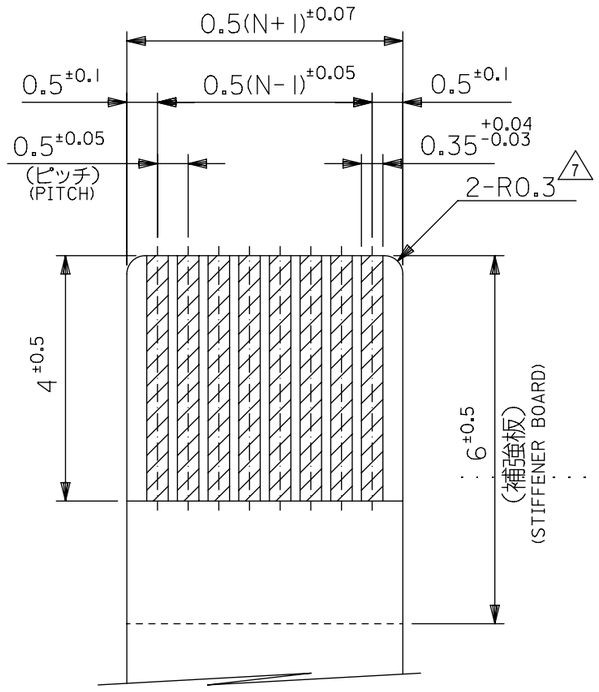
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52745-048	PSD	001	E

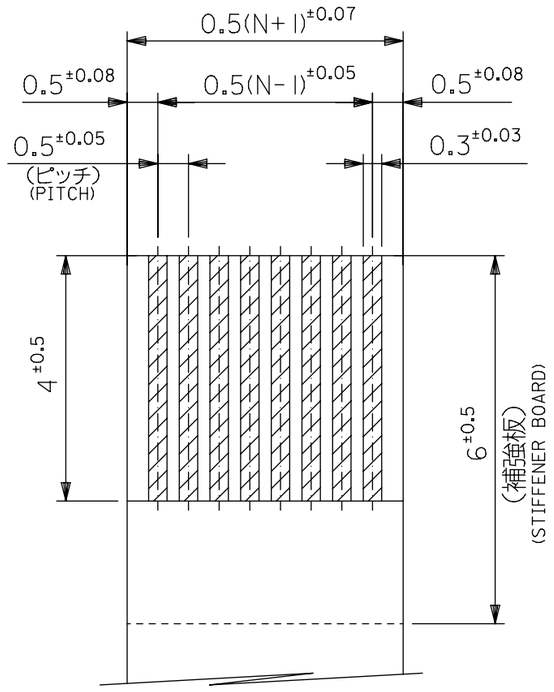
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/03 11:20:33

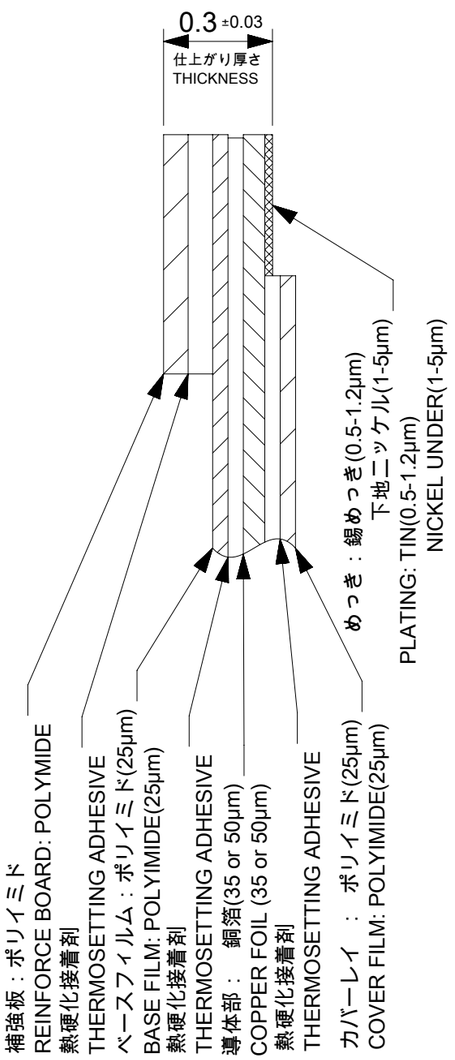
FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01



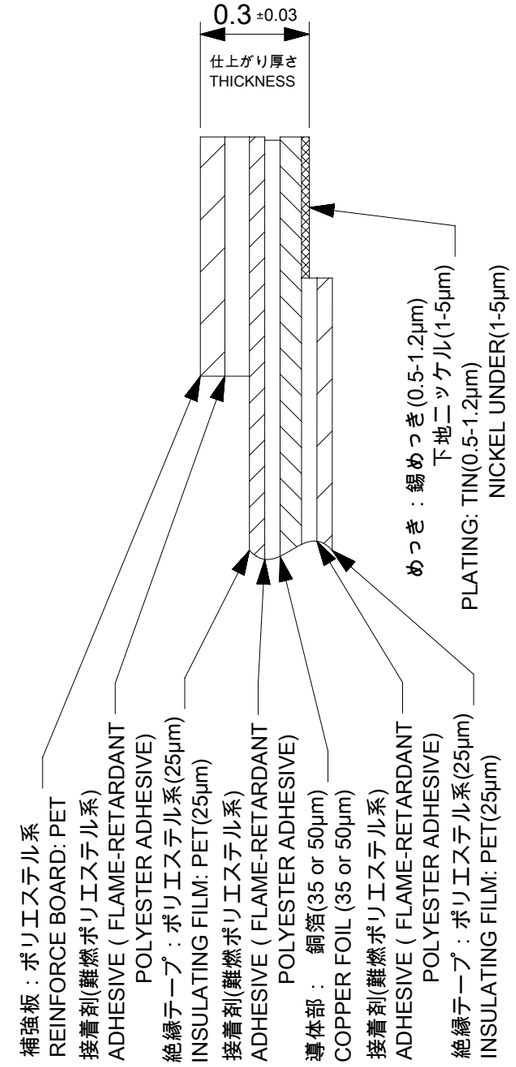
適合ＦＰＣ推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
（仕上がり厚さ：0.3±0.03）
（THICKNESS:0.3±0.03 ）



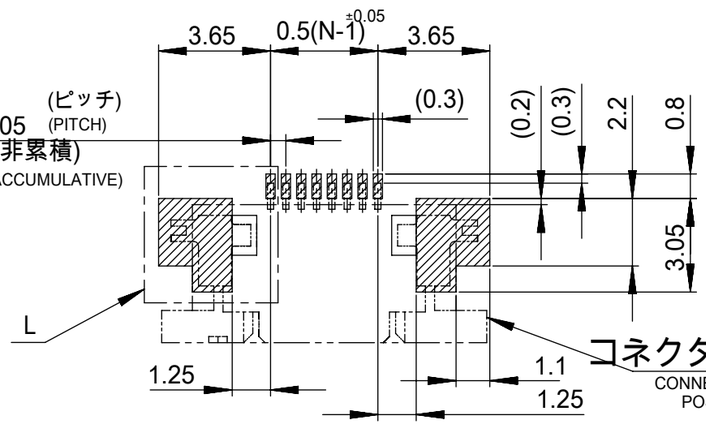
適合ＦＦＣ推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
（仕上がり厚さ：0.3±0.03）
（THICKNESS:0.3±0.03 ）



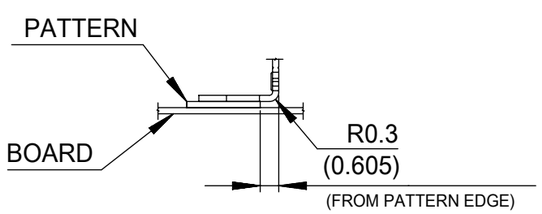
FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC



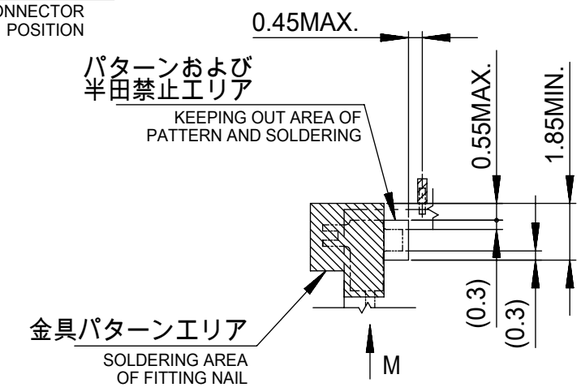
FFC構成推奨仕様
RECOMMENDED STRUCTURE OF FFC



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



VIEW M
(DETAIL OF FITTING NAIL
ON PATTERN)



DETAIL L

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10^{UNDER}	±0.2
10^{OVER} 30^{UNDER}	±0.25
30^{OVER}	±0.3
ANGULAR	±3 °

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
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ±
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:
EC NO: 758488
DRWN: RAJMOK 2023/07/27
CHK'D: HSHIMOYAMA 2023/08/03
APPR: YNAITO 2023/08/03
INITIAL REVISION:
DRWN: TUENO 2004/01/14
APPR: MSASAO 2004/01/19

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 52745

molex

0.5 FPC CONN ASSY ZIF
UPR CONT -LEAD FREE-

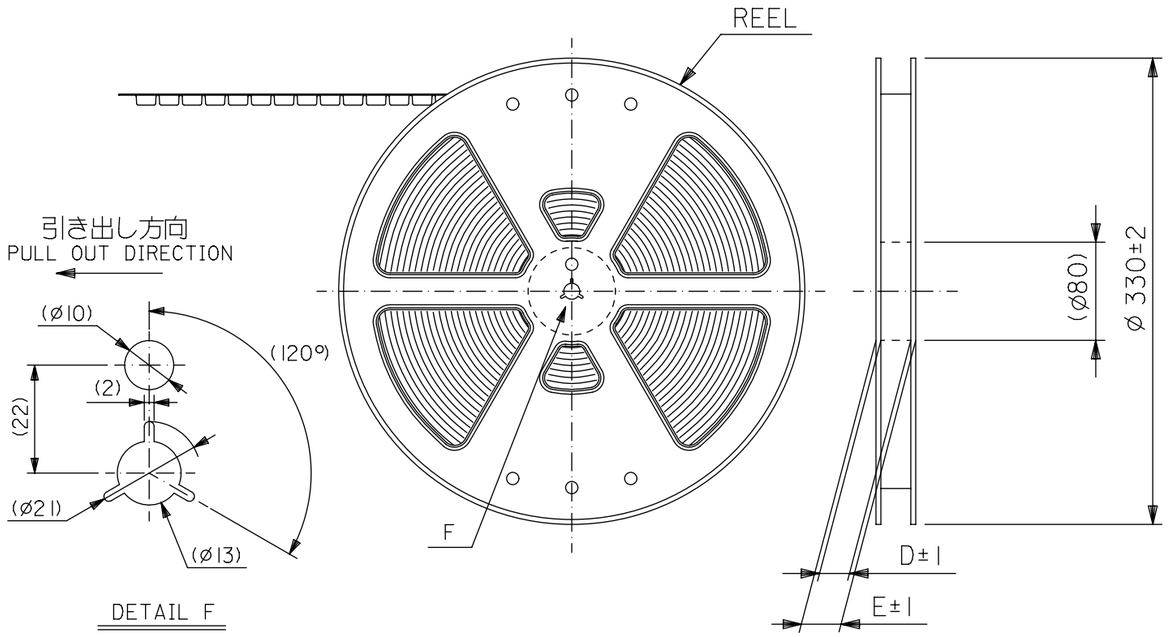
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52745-048	PSD	001	E

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET-1	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/08/03 11:20:33

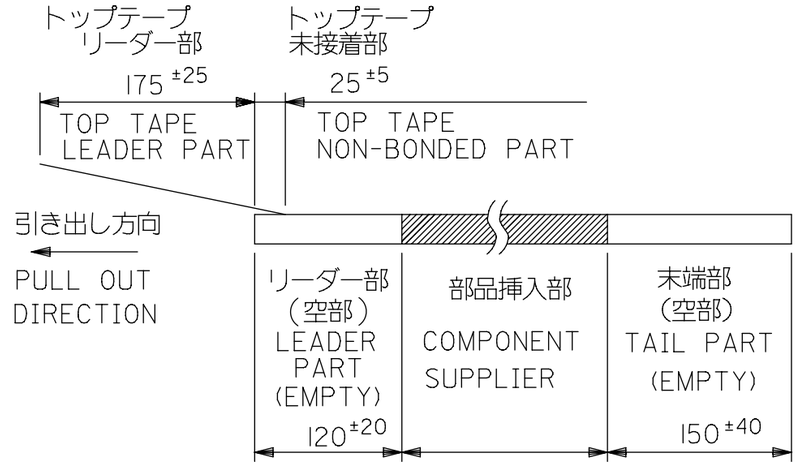
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



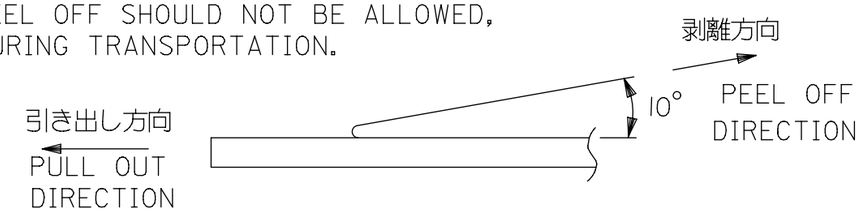
DETAIL F

注記 NOTES

1. 製品番号 52745-**19 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-52745-048 を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52745-**19 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52745-048.
2. 梱包数量：１０００個／リール
NUMBER OF CONNECTORS:1000PCS/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：（剥離方向は下図参照）
０．１N～１．３N（１０ｇｆ～１３０ｇｆ）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事。）
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　　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:POLYSTYRENE(PS)
<RECYCLE MATERIAL CONTAINED>

6. 本製品は　５２７４５-＊＊９０　の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52745-**90

7.本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10^{UNDER}	±0.2
10^{OVER} 30^{UNDER}	±0.25
30^{OVER}	±0.3
ANGULAR	±3 °

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/05 05:51:55

FORMAT: master_B_mod-A3
REVISION: J1
DATE: 2021/05/07

52745-**96 MODEL NO.

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 719890
DRWN: NARENC 2022/08/24
CHK'D: SMARUYAMA 2022/09/05
APPR: YNAITO 2022/09/05

INITIAL REVISION:
DRWN: TUENO 2004/01/14
APPR: MSASAO 2004/01/19

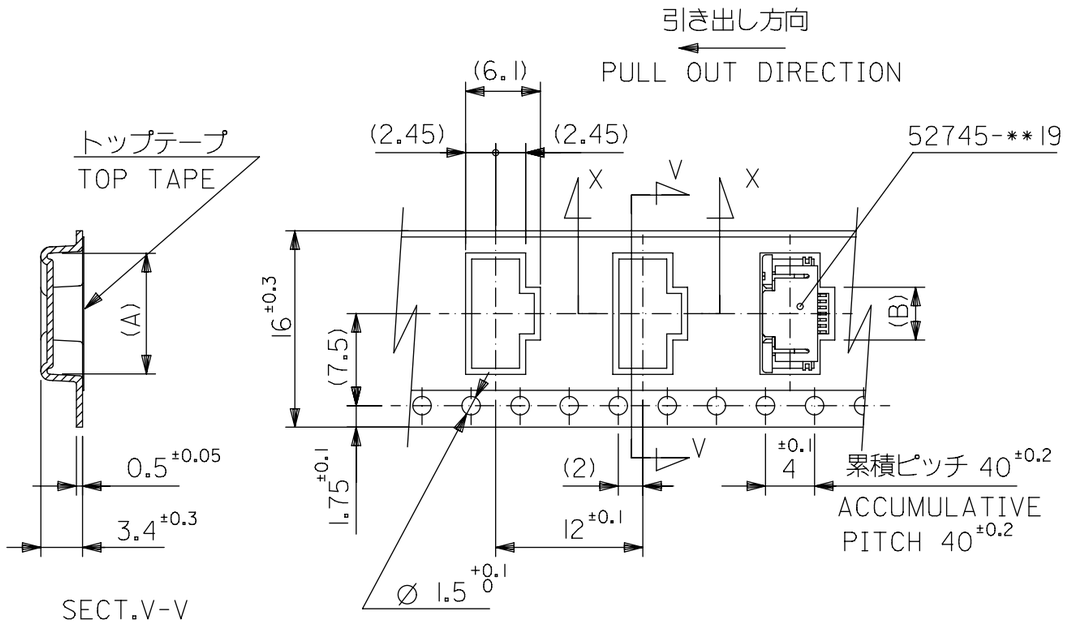
molex

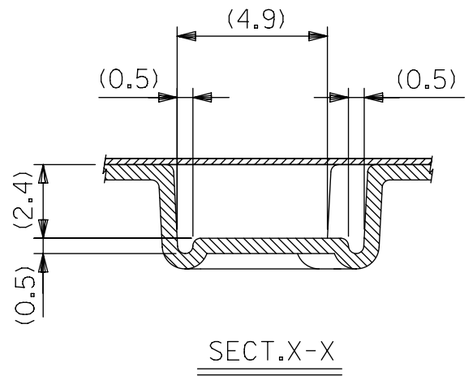
0.5 FPC CONN UPR CONT
EMBSTP PKG -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52745-049	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	52745	SEE TABLE	GENERAL MARKET	1 OF 3





16mm WIDTH CARRIER TAPE

16mm幅キャリアテープ

16	21.4	17.4	17.5	2.8	8.4	52745-0496	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

52745-**96 MODEL NO.

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

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

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 719890
DRWN: NARENC 2022/08/24
CHK'D: SMARUYAMA 2022/09/05
APPR: YNAITO 2022/09/05

INITIAL REVISION:
DRWN: TUENO 2004/01/14
APPR: MSASAO 2004/01/19

molex

0.5 FPC CONN UPR CONT
EMBSTP PKG -LEAD FREE-

PRODUCT CUSTOMER DRAWING

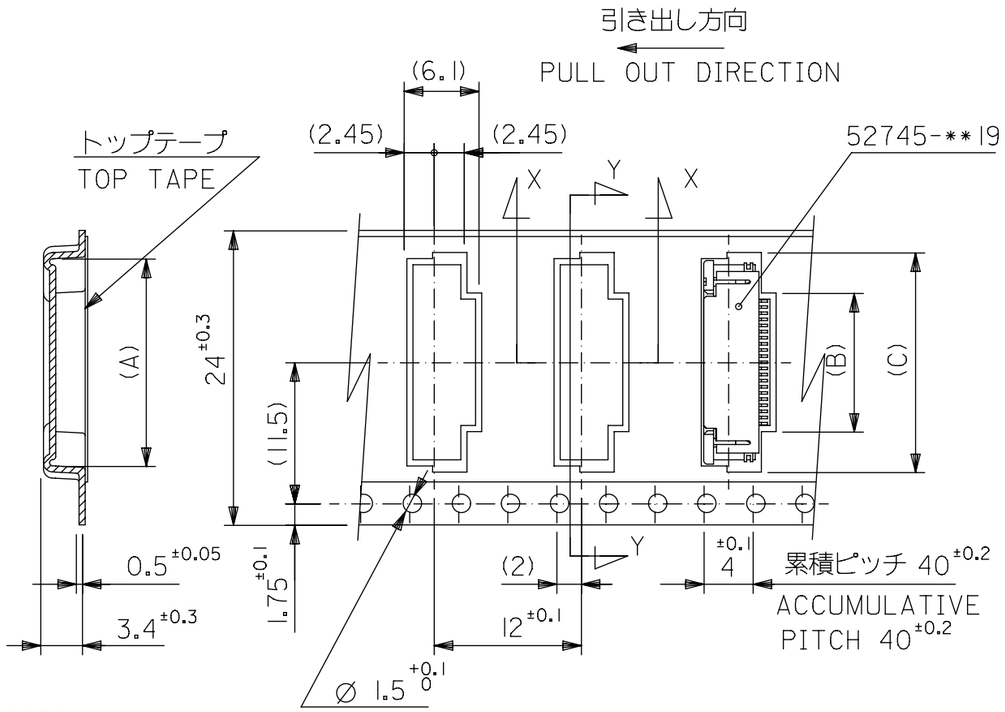
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52745-049	PSD	001	C

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 52745

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

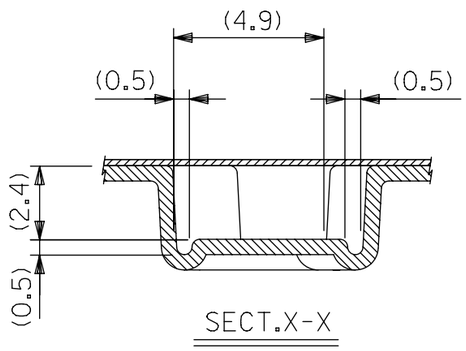
DOCUMENT STATUS	P1	RELEASE DATE	2022/09/05 05:51:55

FORMAT: master_B-size-A3
REVISION: J1
DATE: 2021/05/07



SECT.Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



SECT.X-X

キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT
24	29.4	25.4	17.4	10.8	16.4	52745-2096	20
			16.9	10.3	15.9	-1996	19
			16.4	9.8	15.4	-1896	18
			15.9	9.3	14.9	-1796	17
			15.4	8.8	14.4	-1696	16
			14.9	8.3	13.9	-1596	15
			14.4	7.8	13.4	-1496	14
			13.9	7.3	12.9	-1396	13
			13.4	6.8	12.4	-1296	12
			12.9	6.3	11.9	-1196	11
			12.4	5.8	11.4	-1096	10
			11.9	5.3	10.9	-0996	9
			11.4	4.8	10.4	-0896	8
			10.9	4.3	9.9	-0796	7
			10.4	3.8	9.4	52745-0696	6

52745-**96 MODEL NO.

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

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

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 719890
DRWN: NARENC 2022/08/24
CHK'D: SMARUYAMA 2022/09/05
APPR: YNAITO 2022/09/05

INITIAL REVISION:
DRWN: TUENO 2004/01/14
APPR: MSASAO 2004/01/19

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 52745

molex

0.5 FPC CONN UPR CONT
EMBSTP PKG -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-52745-049	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/05 05:51:55

FORMAT: master_drw-A3
REVISION: J1
DATE: 2021/05/07