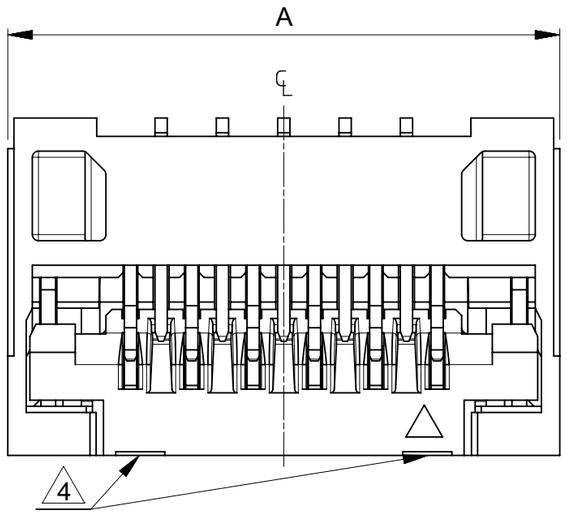
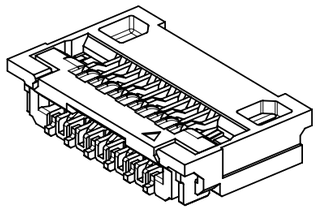
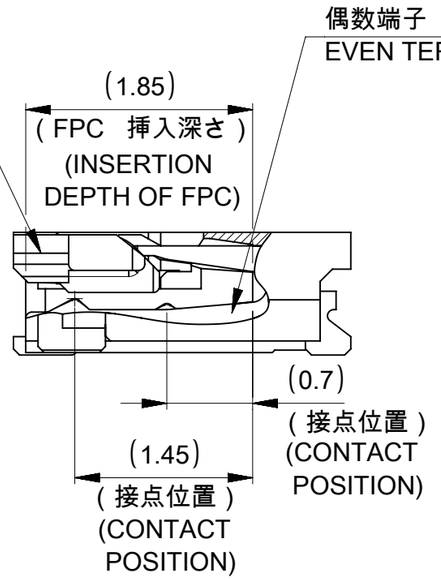
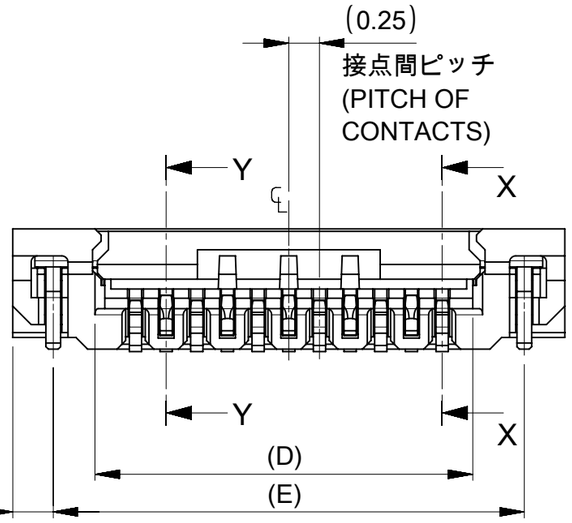
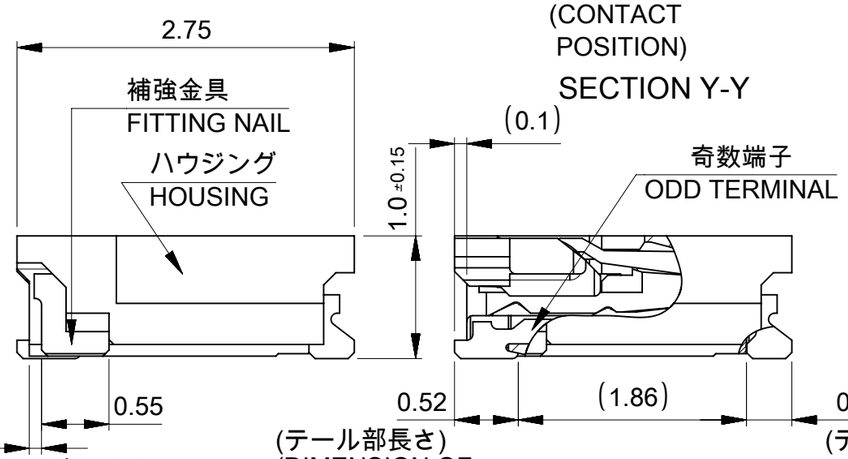




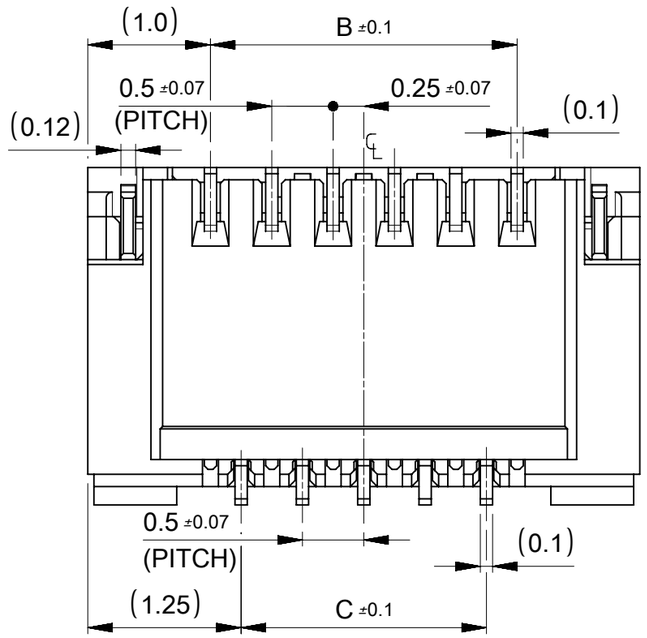


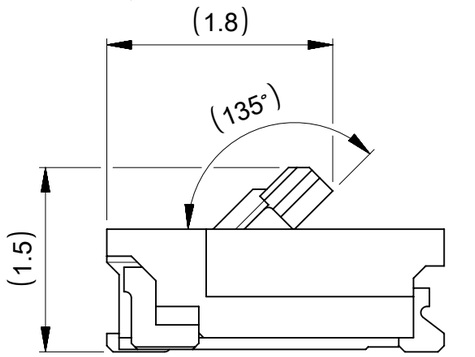




SECTION Y-Y

SECTION X-X





アクチュエータ開放位置
ACTUATOR OPENING POSITION

注記 NOTES

1. 使用材料 MATERIALS

ハウジング	: 耐熱性樹脂(UL94V-0 、ベージュ)
アクチュエータ	: 耐熱性樹脂(UL94HB 、黒色)
奇数端子	: 銅合金、ニッケル下地、金メッキ
偶数端子	: 銅合金、ニッケル下地、金メッキ
補強金具	: 銅合金、ニッケル下地、スズメッキ
HOUSING	: G.F. HEAT RESISTANCE PLASTIC (BEIGE)
ACTUATOR	: G.F. HEAT RESISTANCE PLASTIC (BLACK)
ODD TERMINAL	: COPPER ALLOY, Gold OVER Nickel PLATING
EVEN TERMINAL	: COPPER ALLOY, Gold OVER Nickel PLATING
FITTING NAIL	: COPPER ALLOY, Tin OVER Nickel PLATING

△2 端子、補強金具のコプラナリティーは 以下とする
COPLANARITY OF SOLDER TAILS AND FITTING NAILS : 0.1MAX.

3. 一般公差 : ± 0.3
GENERAL TOLERANCES: ±>0.3

△4 アクチュエータの図示箇所にゲート逃げの凹みがつきます
THERE ARE DENT SHAPES AT ACTUATOR FOR MOLDING GATE

5. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

6. 塩素系・臭素系難燃剤非使用
CHLORINATED AND BROMINATED FLAME RETARDANTS FREE

E	D	C	B	A	ORDER NO.	MATERIAL NO.	CKT.=N
13.84	13	12	12.5	14.5	502078-5110	502078-5118	51
9.34	8.5	7.5	8	10	502078-3310	502078-3318	33
7.34	6.5	5.5	6	8	502078-2510	502078-2518	25
6.34	5.5	4.5	5	7	502078-2110	502078-2118	21
5.34	4.5	3.5	4	6	502078-1710	502078-1718	17

502078-**18 MODEL NO.

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

DIMENSION UNITS: mm | SCALE: 20:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO.

EC NO: 632260
DRWN: RPRABHUM 2020/01/29
CHK'D: GGA 2020/02/28
APPR: GGA 2020/02/28

INITIAL REVISION:
DRWN: YFUJITA 2008/12/15
APPR: AHORINO 2008/12/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 502078

molex

0.25 PITCH FPC CONN E/O
HGT=1.0 BTM CONTACT TYPE

PRODUCT CUSTOMER DRAWING

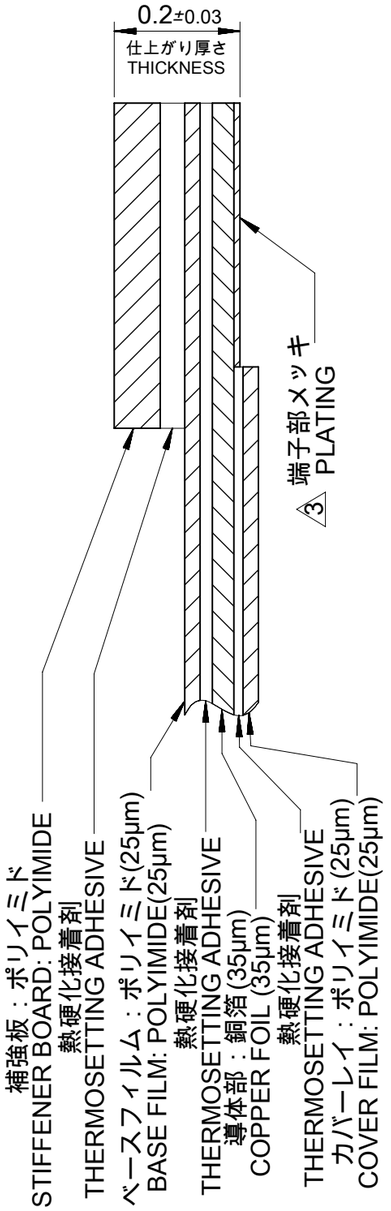
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-502078-003	PSD	001	D

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/28

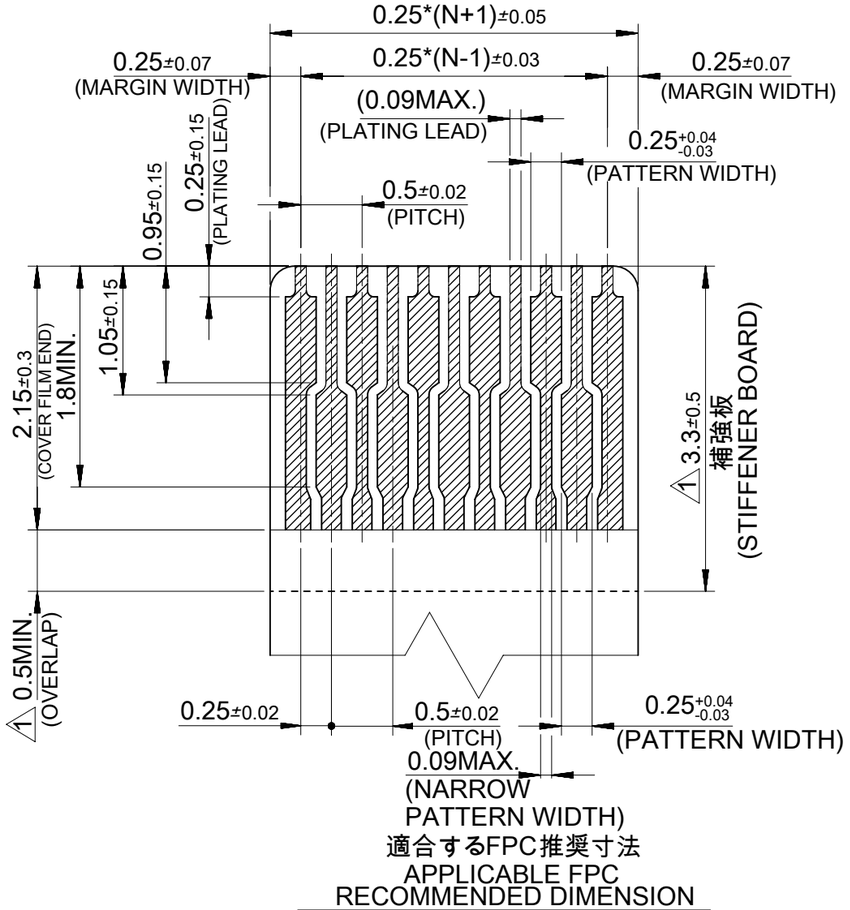
Downloaded From Oneyac.com

FORMAT: Molex-Letter-tb-prod-A3
REVISION: D
DATE: 2018/01/15



FPC構成材料例

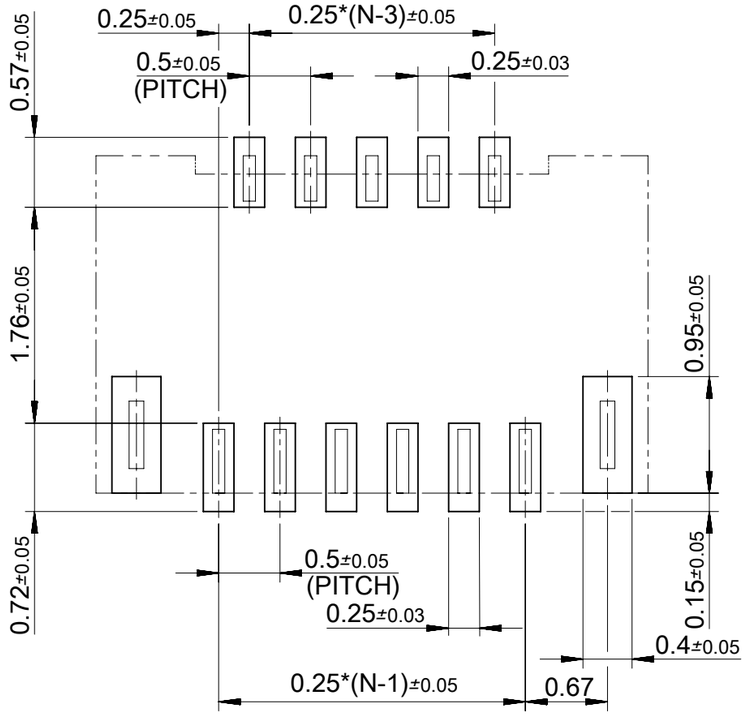
EXAMPLE OF FPC COMPOSITION MATERIAL



適合するFPC推奨寸法

APPLICABLE FPC RECOMMENDED DIMENSION

(端子部仕上がり厚さ :0.2±0.03)
(THICKNESS: 0.2±0.03)



FPC挿入側
FPC INSERSION SIDE

参考基板レイアウト
RECOMMENDED PCB PATTERN DIMENSIONS (REF.)

注記 NOTES

① 補強板長さが図面通り確保できない場合は、カバーレイと補強板のオーバーラップ寸法を0.5mm 以上としてください
WHEN STIFFENER BOARD DIMENSION CAN NOT SECURE AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF COVER FILM AND STIFFENER BOARD AS 0.5mm MINIMUM

2 推奨ペースト厚 : 100μm
推奨マスク開口率: 80%
RECOMMEND SCREEN THICKNESS : 100μm
RECOMMEND SCREEN OPEN RATIO : 80%

③ FPCパターンのメッキ仕様は
金メッキ：0.1μm 以上
下地ニッケルメッキ：2~6μm
FPC PATTERN PLATING
GOLD PLATING : 0.1μm MINIMUM
NICKEL UNDER PLATING : 2~6μm

4 FPCについて(ABOUT FPC)

抜き方向は、導体側から補強板側を推奨します
補強板材質は、ポリイミドを推奨します
接着剤は熱硬化接着剤を推奨します
なお、接着剤の接点部への付着は導通不良の原因となりますので染み出しがないよう、お願いします

RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BORAD SIDE
RECOMMENDED MATERIAL:
STIFFENER BOARD: POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY

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

DIMENSION UNITS	mm
SCALE	20:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	MM / INCH
4 PLACES	± / ±
3 PLACES	± / ±
2 PLACES	± / ±
1 PLACE	± / ±
0 PLACES	± / ±
ANGULAR TOL	± 1.0 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION	
DRAWING	A3-SIZE
SERIES	502078

CURRENT REV DESC: OBSOLETED PART NO.

EC NO: 632260
DRWN: RPRABHUM 2020/01/29
CHK'D: GGA 2020/02/28
APPR: GGA 2020/02/28

INITIAL REVISION:
DRWN: YFUJITA 2008/12/15
APPR: AHORINO 2008/12/15

molex

0.25 PITCH FPC CONN E/O
HGT=1.0 BTM CONTACT TYPE

PRODUCT CUSTOMER DRAWING

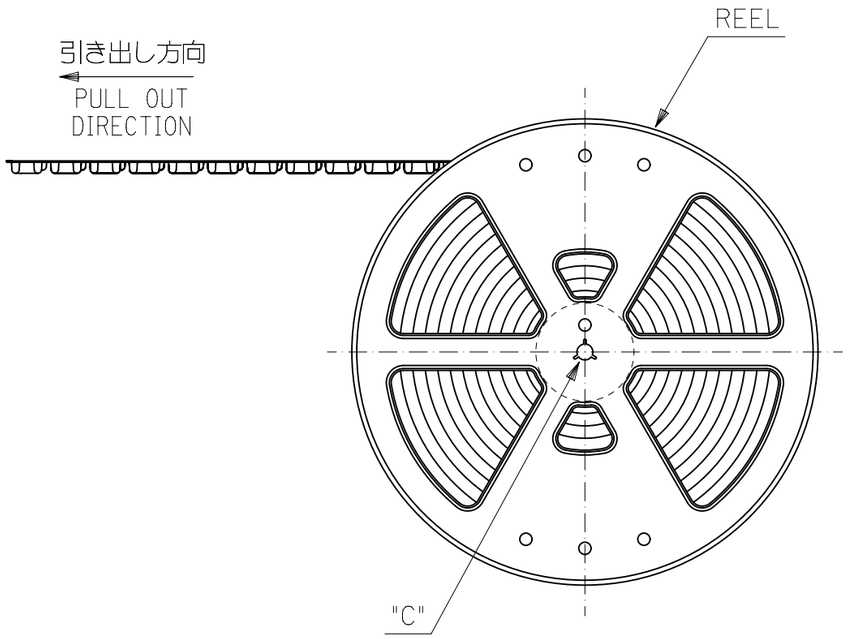
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-502078-003	PSD	001	D

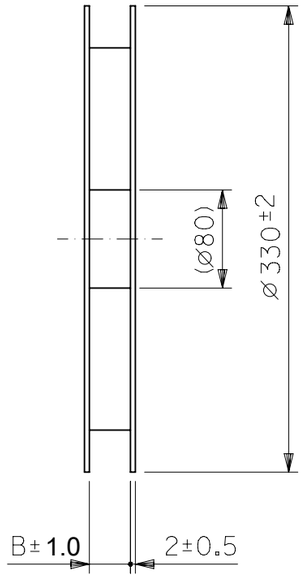
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

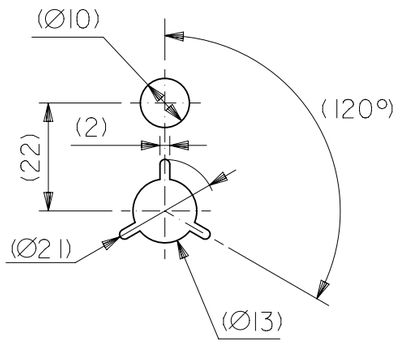
DOCUMENT STATUS	P1	RELEASE DATE	2020/02/28

FORMAT: Mel-Jans-Order-lb-prod-A3
REVISION: D
DATE: 2018/01/15

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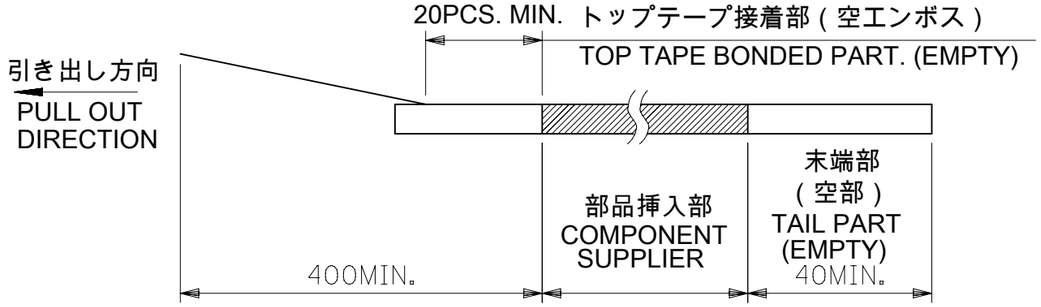




DETAIL "C"

注記NOTES

1. 製品詳細寸法については図面 SD-502078-003 を参照下さい。
   RE DETAILED DIMENSION, SEE SD-502078-003
2. 梱包数量 :3000個 / リール
   NUMBER OF CONNECTORS : 3000 PCS/REEL
3. リードテープ長さ　　LEAD TAPE LENGTH



4. 材料 MATERIAL
   キャリアテープ (CARRIER TAPE)：ポリスチレン (POLYSTYRENE)
   トップテープ (TOP TAPE)： PET , PE , PEF
   リール (REEL)：ポリスチレン (PS) <リサイクル材を含む>
   POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>

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

MODEL NO.	502078-**10

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

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES		±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO.

EC NO: 632260
DRWN: RPRABHUM 2020/02/12
CHK'D: GGA 2020/02/28
APPR: GGA 2020/02/28

INITIAL REVISION:
DRWN: YFUJITA 2008/12/15
APPR: AHORINO 2008/12/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 502078

molex

0.25 FPC CONN E/O
HSG ASSY EMBOSSED TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

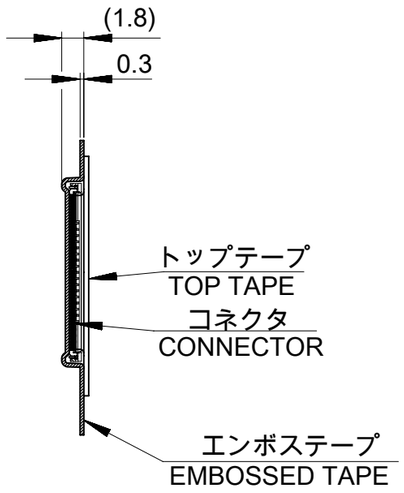
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SD-502078-004	PSD	001	A

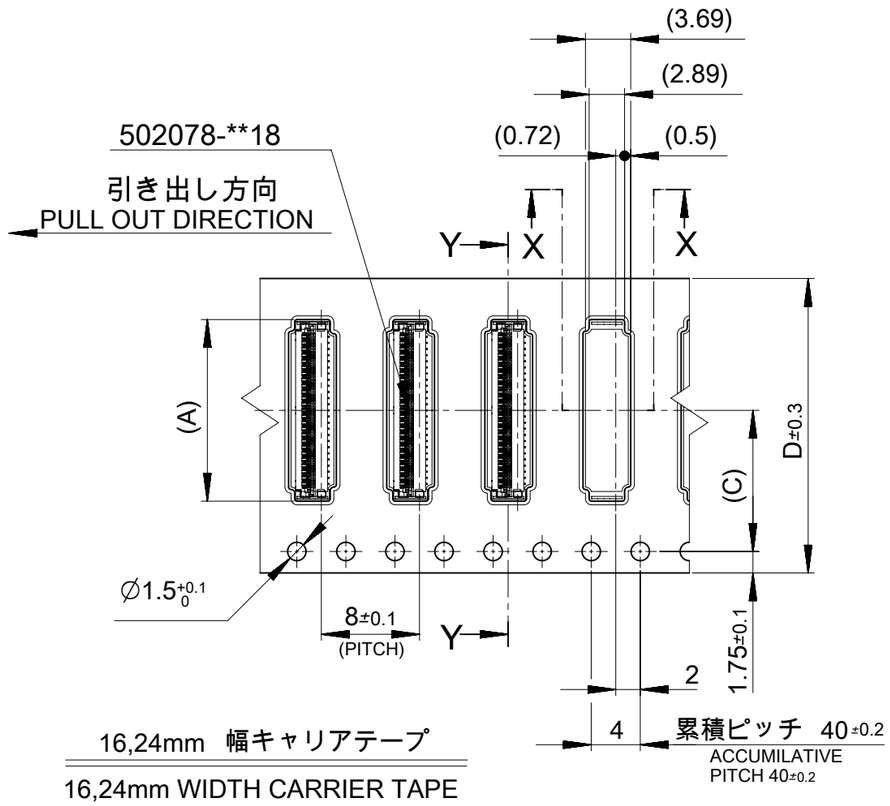
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

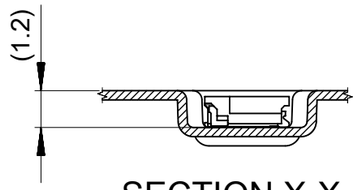
DOCUMENT STATUS	P1	RELEASE DATE	2020/02/28

FORMAT: Molex-Order-lib-prod-A3
REVISION: D
DATE: 2018/01/15

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SECTION X-X

16,24mm 幅キャリアテープ

16,24mm WIDTH CARRIER TAPE

D キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	製品番号 MATERIAL NO.	極数 CKT.
24	11.5	25.4	14.8	502078-5110	51
			10.3	502078-3310	33
			8.3	502078-2510	25
			7.3	502078-2110	21
16	7.5	17.4	6.3	502078-1710	17
MODEL NO.				502078-**10	

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

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DIMENSION UNITS: mm | SCALE: 5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES		±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 1.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: OBSOLETED PART NO.

EC NO: 632260
DRWN: RPRABHUM 2020/02/12
CHK'D: GGA 2020/02/28
APPR: GGA 2020/02/28

INITIAL REVISION:
DRWN: YFUJITA 2008/12/15
APPR: AHORINO 2008/12/15

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 502078

molex

0.25 FPC CONN E/O
HSG ASSY EMBOSSED TAPE PACKAGE

PRODUCT CUSTOMER DRAWING

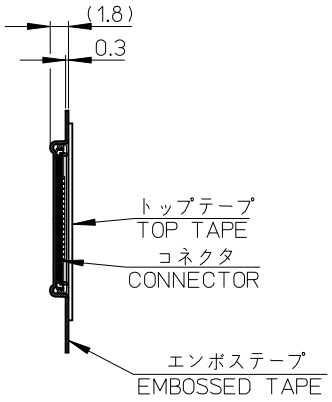
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-502078-004	PSD	001	A

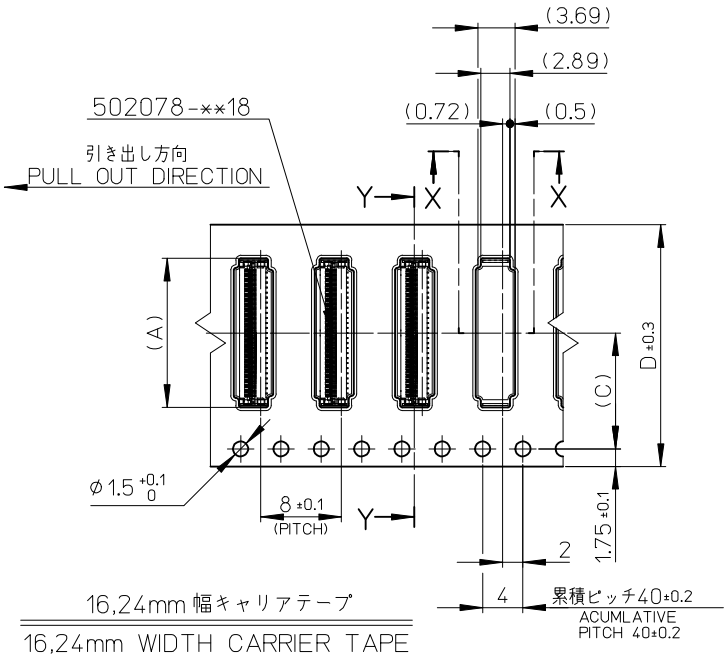
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/28

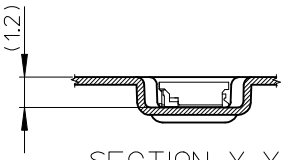
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FORMAT: Molex_Letter-lb-prod-A3
REVISION: D
DATE: 2018/01/11





16,24mm 幅キャリアテープ
16,24mm WIDTH CARRIER TAPE



SECTION X-X

D キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	製品番号 MATERIAL NO.	極数 CKT.
MODEL NO.				502078-**10	
24	11.5	25.4	14.8	502078-5110	51
			11.8	502078-3910	39
			10.3	502078-3310	33
			8.3	502078-2510	25
			7.3	502078-2110	21
16	7.5	17.4	6.3	502078-1710	17

REV	DESCRIPTION	DRWN	CHKD	APPR	DATE
0	RELEASED EC NO: J2009-1529	YFUJITA	TKANEKO	TKANEKO	2008/12/15

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 1:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION

DRAWN BY: YFUJITA	DATE: 2008/12/15
CHECKED BY: TKANEKO	DATE: 2008/12/15
APPROVED BY: AHORINO	DATE: 2008/12/15

TITLE: 0.25MM FPC CONN E/O HSG ASSY EMBOSSED TAPE PACKAGE

MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-502078-004	2 OF 2

SIZE A3

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