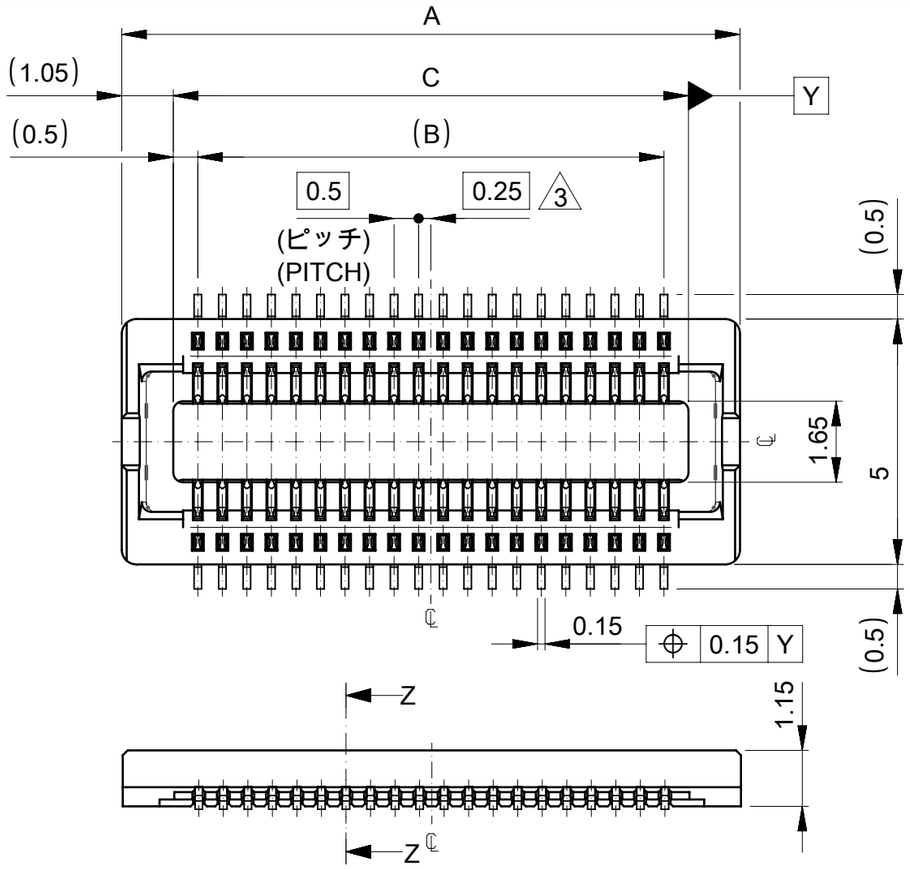
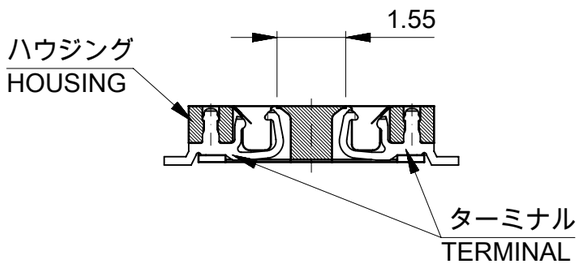
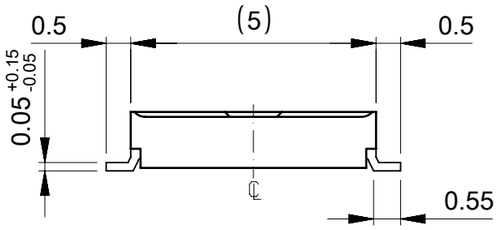
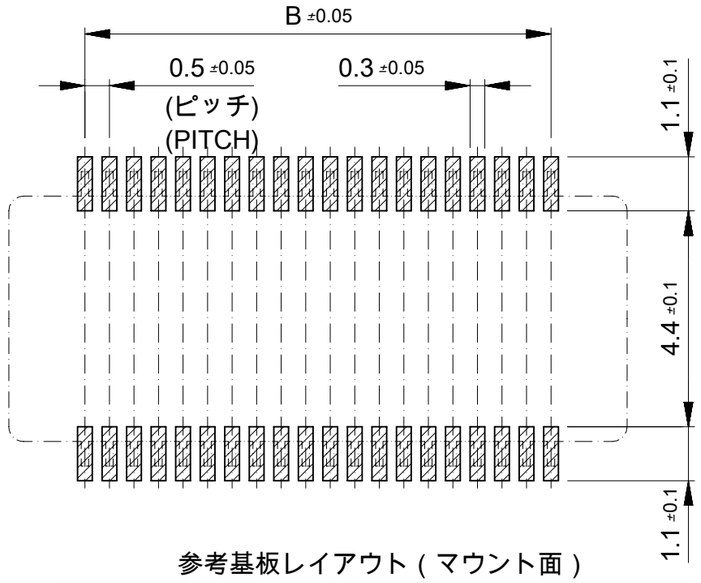




SECTION Z-Z

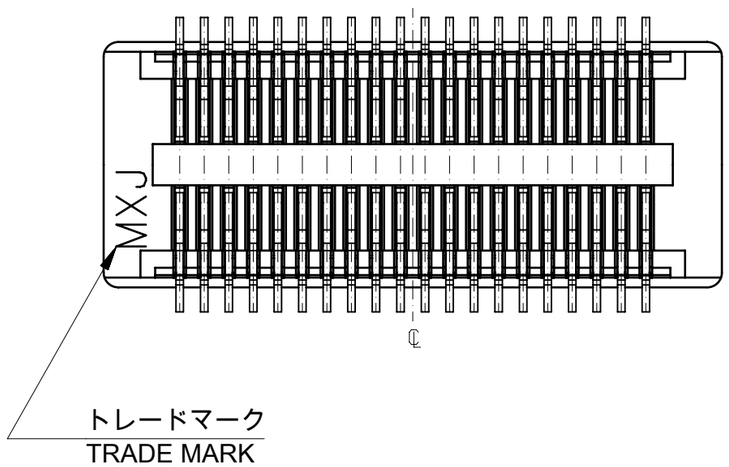




参考基板レイアウト（マウント面）

P.C.BOARD PATTERN DIMENSION (REFERENCE)
(MOUNTING AREA)

30 極以下品形状
SHAPE OF 30 CIRCUITS OR LESS



トレードマーク
TRADE MARK

注記 NOTES:

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマーガラス充填, UL94V-0 (黒)
   HOUSING : LIQUID CRYSTRAL POLYMER (GLASS FILLED)
   UL94V-0 (COLOR:BLACK)
   ターミナル：リン青銅（t =0.15)
   TERMINAL : PHOSPHOR BRONZE (t=0.15)
2. メッキ仕様PLATING
   金メッキ 0.25 マイクロメートル以上（コンタクト部）
   GOLD 0.25 MICROMETER MINIMUM (CONTACT AREA).
   金メッキ 0.4 マイクロメートル以下（テール部）
   GOLD 0.4 MICROMETER MAXIMUM (TAIL AREA).
   下地メッキ: ニッケルメッキ 1.5 マイクロメートル以上
   UNDER PLATING : NICKEL 1.5 MICROMETER MINIMUM.
   *コンタクト部とテール部はニッケルメッキによって
   分断されている金メッキです.
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.

△3.(全極数 / 2) = 偶数の場合に適用.
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手：55560シリーズ(嵌合高さ = 1.5mm)
   MATE WITH : 55560 SERIES.(HEIGHT=1.5mm)
5. テール平坦度は、0.1以下
   TAIL COPLANARITY TO BE 0.1 MAXIMUM.

8.0	7.0	10.1	54722-0304	30
6.5	5.5	8.6	54722-0244	24
6.0	5.0	8.1	54722-0224	22
5.5	4.5	7.6	54722-0204	20
4.5	3.5	6.6	54722-0164	16
C	B	A	Emboss tape Package ORDER No. オーダー番号	極数 CIRCUIT

CONNECTOR SERIES No. 54722-***3

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
0.25 UNDER	±0.2
0.25 OVER 0.5 UNDER	±0.2
0.5 OVER 1.0 UNDER	±0.2
1.0 OVER 10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR±3°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	SCALE
mm	8:1

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: REVISED

EC NO: 642297
DRWN: SCV 2020/07/29
CHK'D: HSHIMOYAMA 2020/11/30
APPR: SHOSHIKAWA 2020/11/30

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: T.YAMAGUCHI 2003/08/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 54722

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE

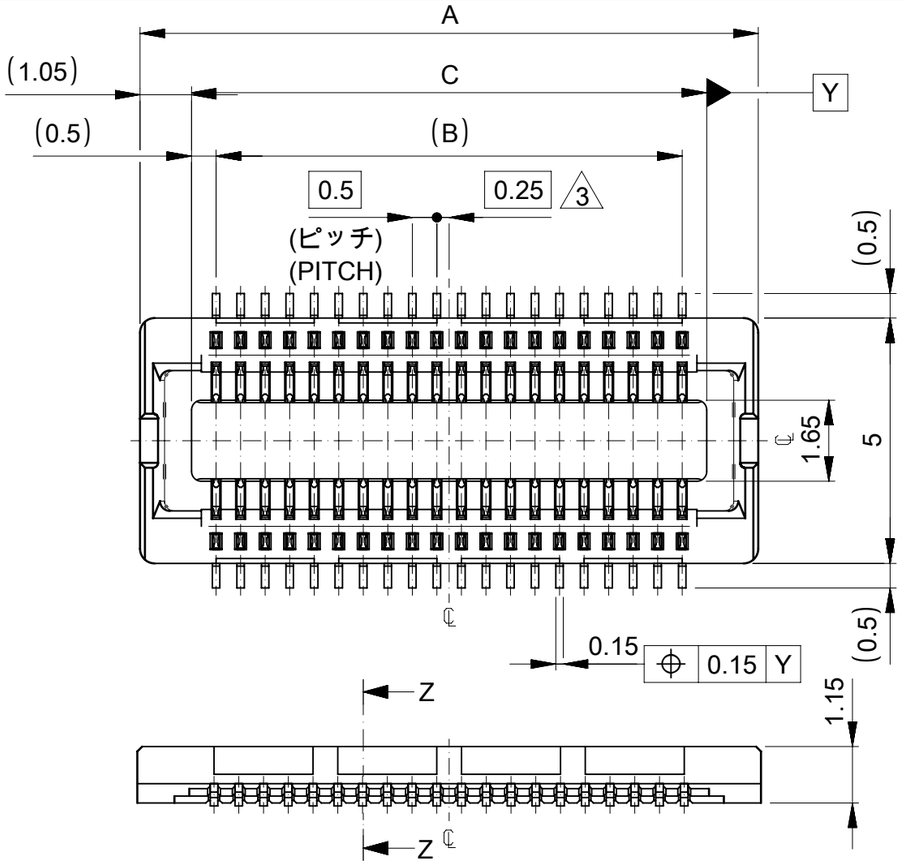
PRODUCT CUSTOMER DRAWING

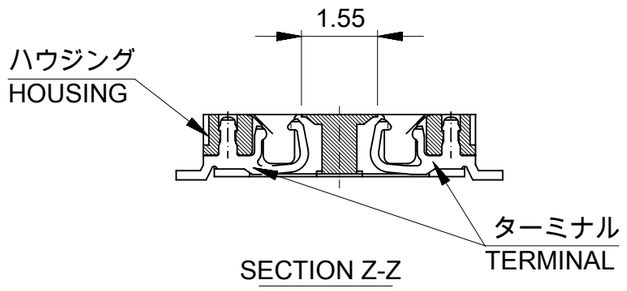
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SD-54722-011	PSD	001	D

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	1 OF 3

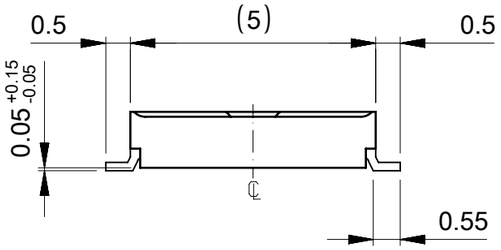
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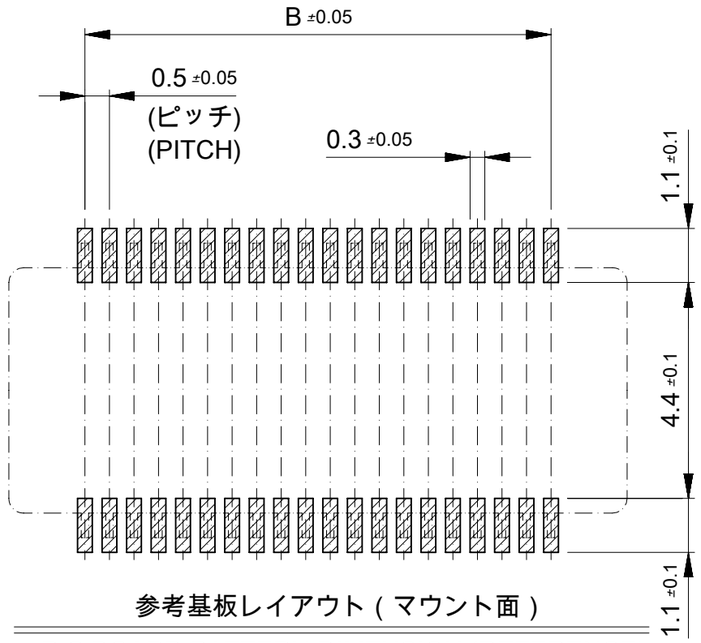
FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14





SECTION Z-Z

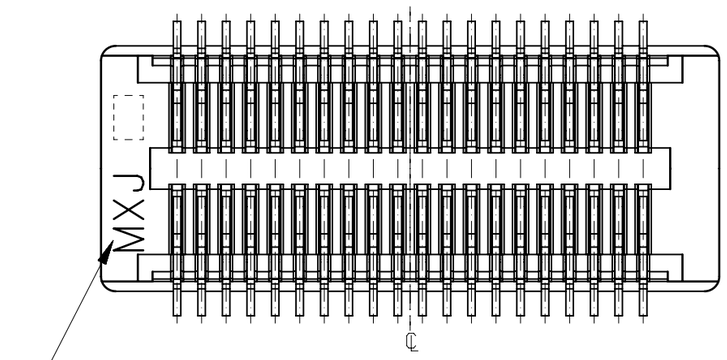




参考基板レイアウト (マウント面)

P.C.BOARD PATTERN DIMENSION (REFERENCE)
(MOUNTING AREA)

34 極以上品形状
SHAPE OF 34 CIRCUITS OR MORE



トレードマーク
TRADE MARK

注記 NOTES:

1. 使用材料 MATERIAL
   ハウジング：液晶ポリマーガラス充填, UL94V-0 (黒)
   HOUSING : LIQUID CRYSTRAL POLYMER (GLASS FILLED)
   UL94V-0 (COLOR:BLACK)
   ターミナル：リン青銅 (t =0.15)
   TERMINAL : PHOSPHOR BRONZE (t=0.15)
2. メッキ仕様PLATING
   金メッキ 0.25 マイクロメートル以上 (コンタクト部)
   GOLD 0.25 MICROMETER MINIMUM (CONTACT AREA).
   金メッキ 0.4 マイクロメートル以下 (テール部)
   GOLD 0.4 MICROMETER MAXIMUM (TAIL AREA).
   下地メッキ: ニッケルメッキ 1.5 マイクロメートル以上
   UNDER PLATING : NICKEL 1.5 MICROMETER MINIMUM.
   *コンタクト部とテール部はニッケルメッキによって
   分断されている金メッキです.
   DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
   AND THE TAIL PART BY THE NICKEL PLATING.

3. (全極数 / 2) = 偶数の場合に適用.
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：55560シリーズ(嵌合高さ = 1.5mm)
   MATE WITH : 55560 SERIES.(HEIGHT=1.5mm)
5. テール平坦度は、0.1以下
   TAIL COPLANARITY TO BE 0.1 MAXIMUM.

20.5	19.5	22.6	54722-0804	80
15.5	14.5	17.6	54722-0604	60
13.0	12.0	15.1	54722-0504	50
10.5	9.5	12.6	54722-0404	40
9.5	8.5	11.6	54722-0364	36
9.0	8.0	11.1	54722-0344	34
C	B	A	Emboss tape Package ORDER No. オーダー番号	極数 CIRCUIT

CONNECTOR SERIES No. 54722-***3

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
0.25 UNDER	±0.2
0.25 OVER 0.5 UNDER	±0.2
0.5 OVER 1.0 UNDER	±0.2
1.0 OVER 10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR±3°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION UNITS	SCALE
mm	8:1

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: REVISED

EC NO: 642297
DRWN: SCV 2020/07/29
CHK'D: HSHIMOYAMA 2020/11/30
APPR: SHOSHIKAWA 2020/11/30

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: T.YAMAGUCHI 2003/08/20

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE

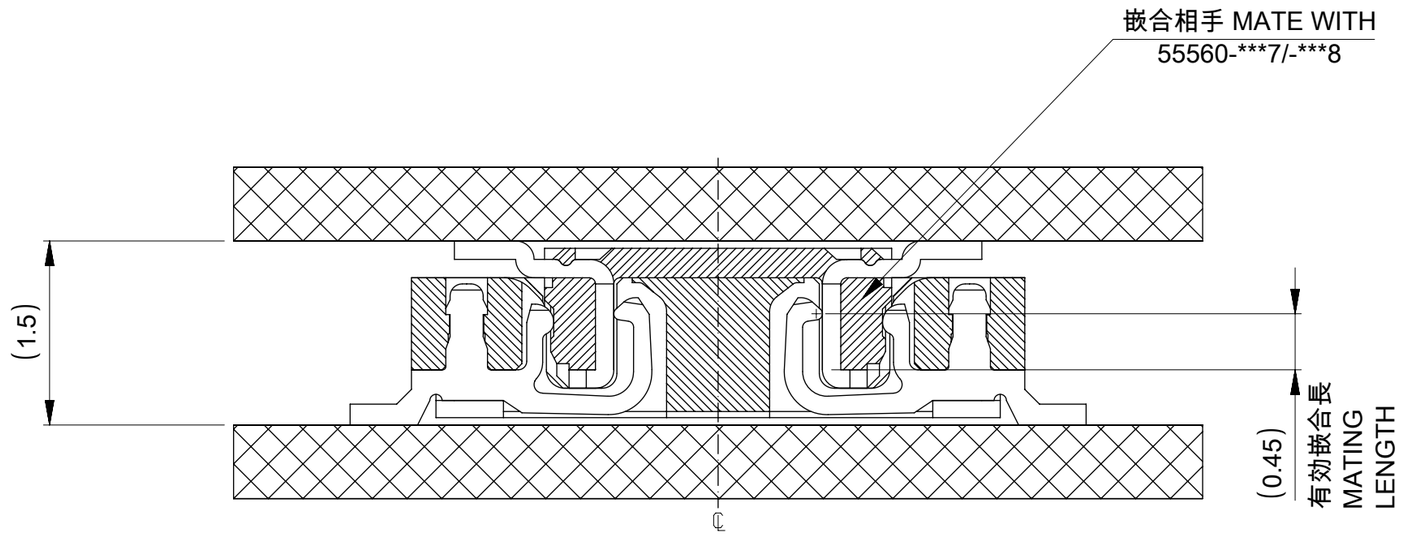
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-011	PSD	001	D

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	54722	SEE TABLE	GENERAL	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/30 03:37:43

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



嵌合断面図（参考）

MATED DRAWING (REF.)

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
0.25 UNDER	±0.2
0.25 OVER 0.5 UNDER	±0.2
0.5 OVER 1.0 UNDER	±0.2
1.0 OVER 10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR±3°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	SCALE
mm	20:1

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: REVISED

EC NO: 642297
DRWN: SCV 2020/07/29
CHK'D: HSHIMOYAMA 2020/11/30
APPR: SHOSHIKAWA 2020/11/30

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: T.YAMAGUCHI 2003/08/20

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE

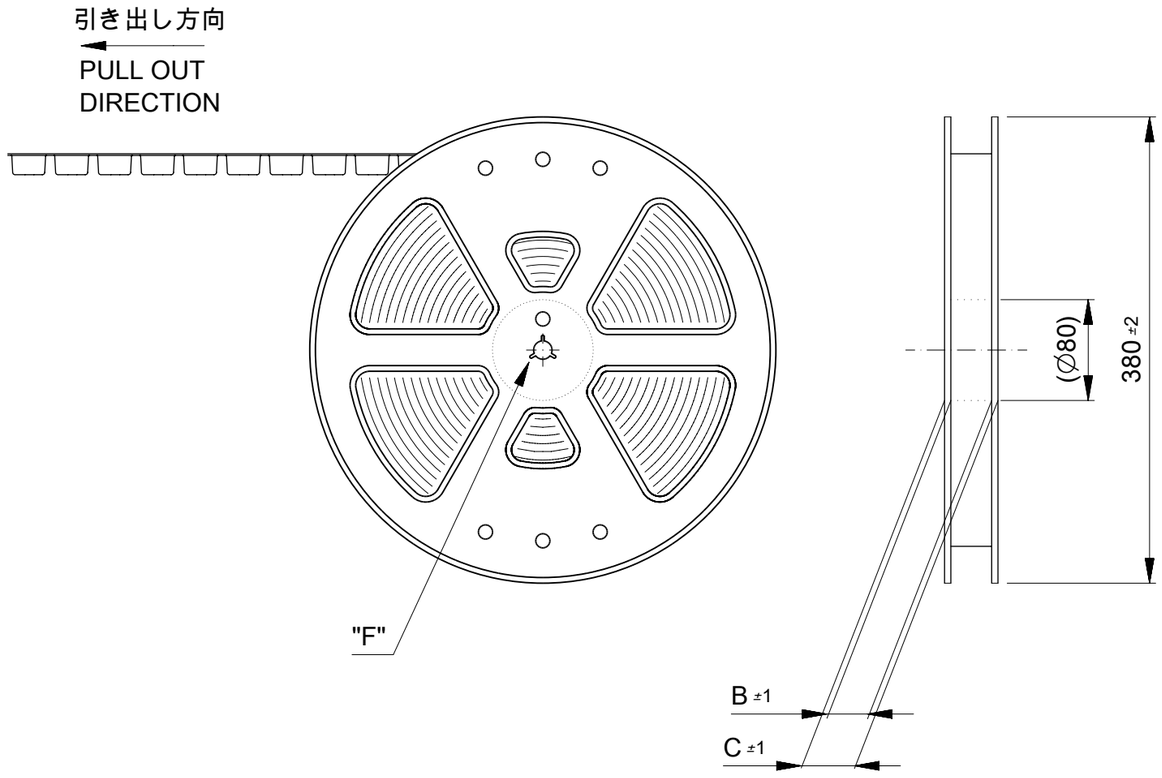
PRODUCT CUSTOMER DRAWING

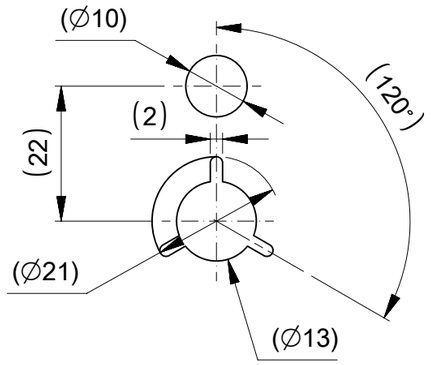
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-011	PSD	001	D

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	54722	SEE TABLE	GENERAL	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/30 03:37:43

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14

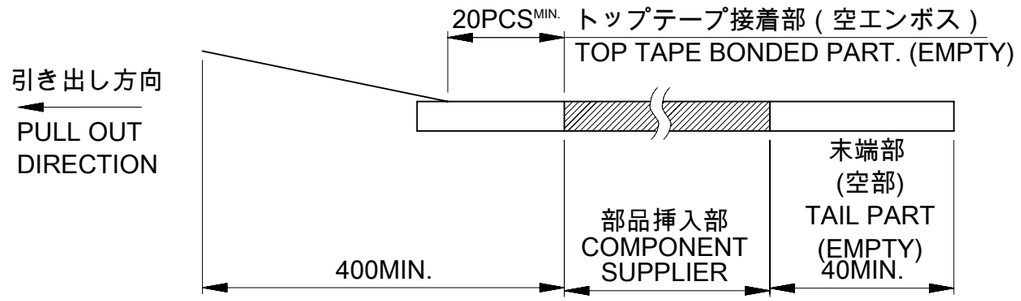




DETAIL "F"

注記 NOTE

1. 製品詳細寸法については図面 SD-54722-011 を参照下さい.
   DETAIL DIMENSIONS, SEE SD-54722-011
2. 梱包数量 : 3000個 / リール
   NUMBER OF CONNECTORS : 3000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. 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 IEC60286-3.
5. FOR 16ckt ~ 40ckt
   材料 (MATERIAL)
   キャリアテープ (CARRIER TAPE) : ポリスチレン, POLYSTYRENE (PS)
   トップテープ (TOP TAPE) : PET
   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 >
   FOR 50ckt, 60ckt ,80ckt
   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 (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 >

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°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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: 851965
DRWN: DGONDO 2026/01/27
CHK'D: SMARUYAMA 2026/03/31
APPR: YNAITO 2026/03/31

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: Y.YAMAGUCHI 2003/08/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 54722

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE EMBOSS TAPE PACKAGE

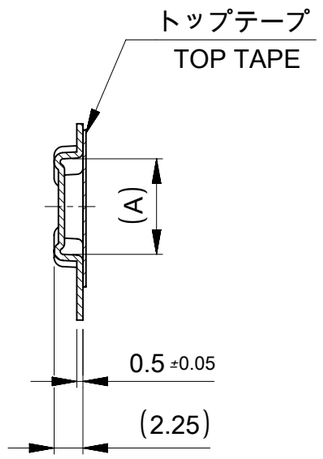
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-012	PSD	001	E

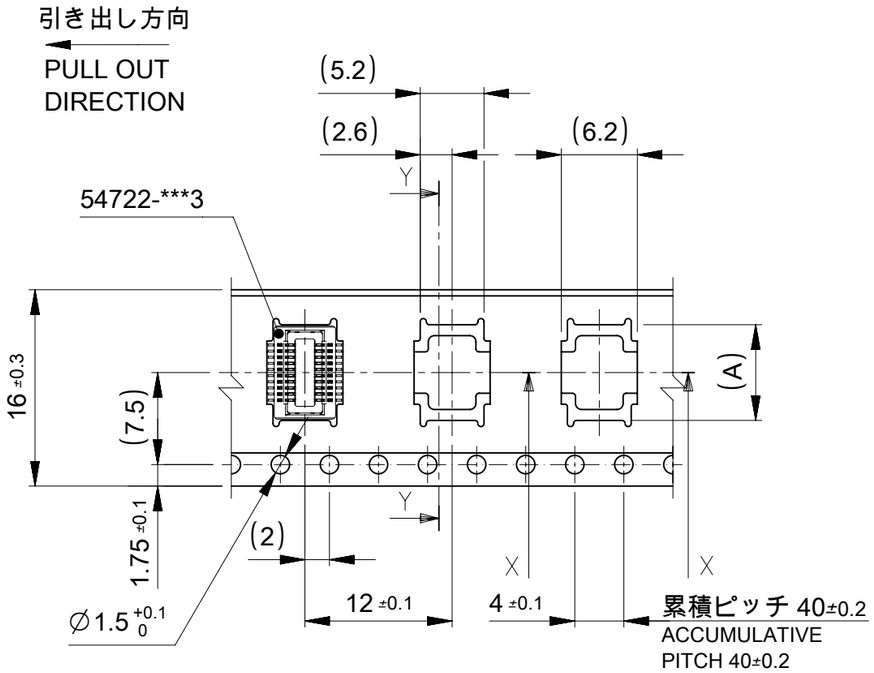
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2-5	GENERAL	1 OF 5

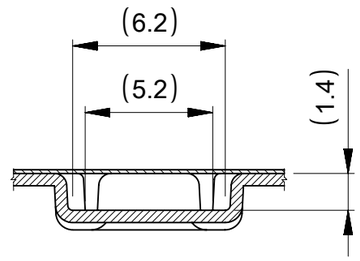
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/31 06:02:36

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14



SECTION Y-Y





SECTION X-X

16 mm幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	21.4	17.4	6.8	54722-0204	20
				54722-0164	16
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

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°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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: 851965

DRWN:	DGONDO	2026/01/27
CHK'D:	SMARUYAMA	2026/03/31
APPR:	YNAITO	2026/03/31

INITIAL REVISION:

DRWN:	T.ITO	2003/08/20
APPR:	Y.YAMAGUCHI	2003/08/20

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE EMBOSS TAPE PACKAGE

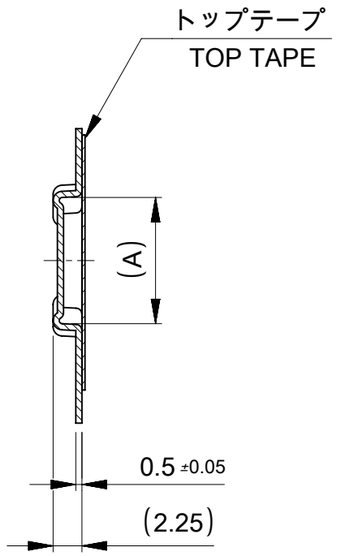
PRODUCT CUSTOMER DRAWING

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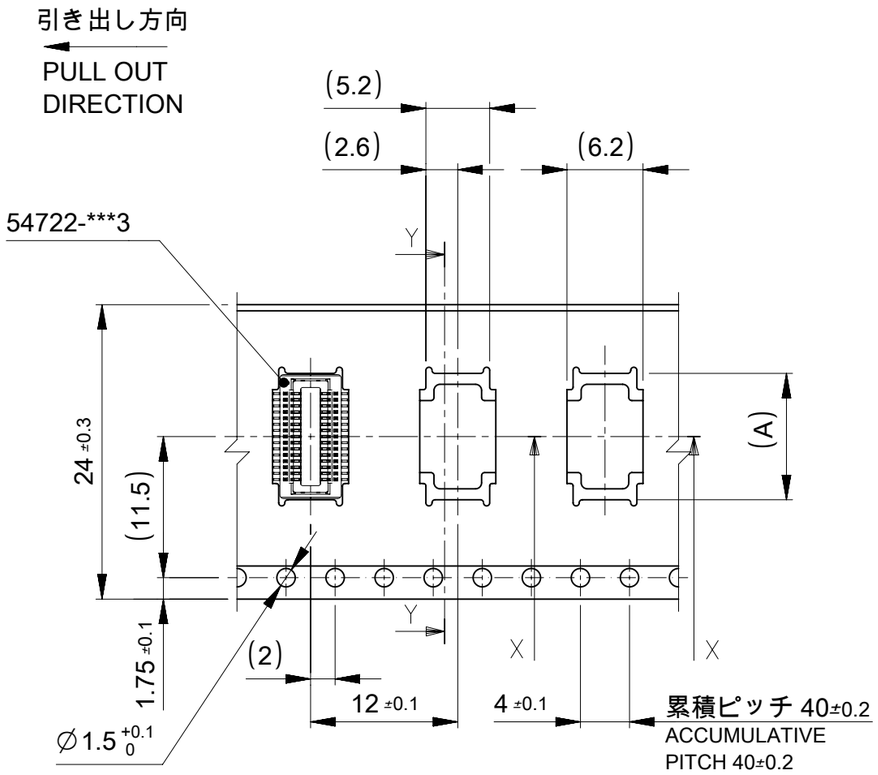
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	54722	SEE TABLE	GENERAL	2 OF 5

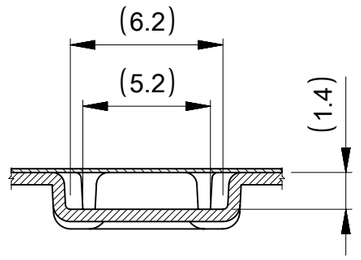
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FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14



SECTION Y-Y





SECTION X-X

24 mm幅キャリアテープ

24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT
24	29.4	25.4	15.3	54722-0504	50
			12.8	54722-0404	40
			11.8	54722-0364	36
			11.3	54722-0344	34
			10.3	54722-0304	30
			8.8	54722-0244	24
			8.3	54722-0224	22

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°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	SCALE
mm	NTS

CURRENT REV DESC:

EC NO: 851965
DRWN: DGONDO 2026/01/27
CHK'D: SMARUYAMA 2026/03/31
APPR: YNAITO 2026/03/31

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: Y.YAMAGUCHI 2003/08/20

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 54722

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE EMBOSS TAPE PACKAGE

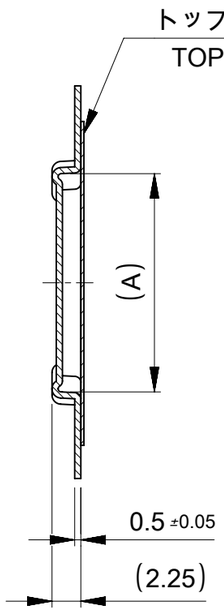
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-012	PSD	001	E

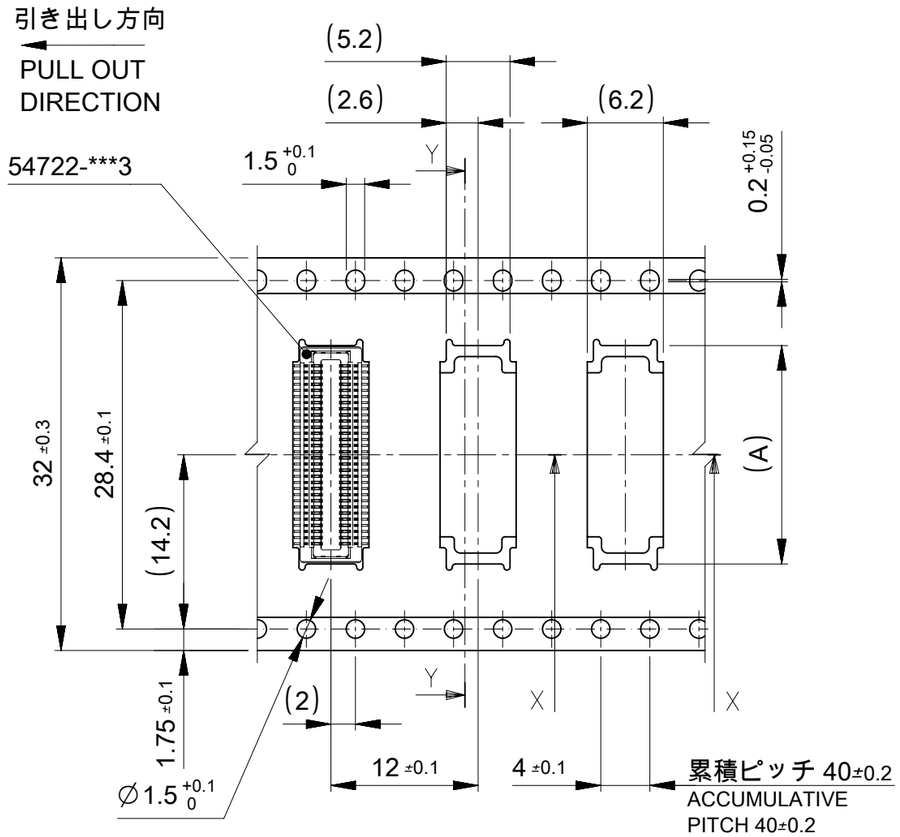
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/31 06:02:36

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

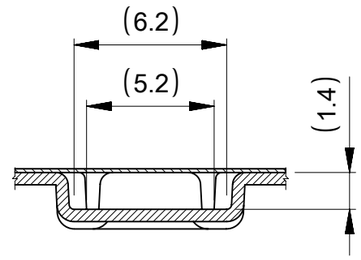


SECTION Y-Y



32 mm幅キャリアテープ

32mm WIDTH CARRIER TAPE



SECTION X-X

32	37.4	33.4	17.8	54722-0604	60
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

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°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: mm
SCALE: NTS
THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 54722

CURRENT REV DESC:

EC NO: 851965
DRWN: DGONDO 2026/01/27
CHK'D: SMARUYAMA 2026/03/31
APPR: YNAITO 2026/03/31

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: Y.YAMAGUCHI 2003/08/20

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE EMBOSS TAPE PACKAGE

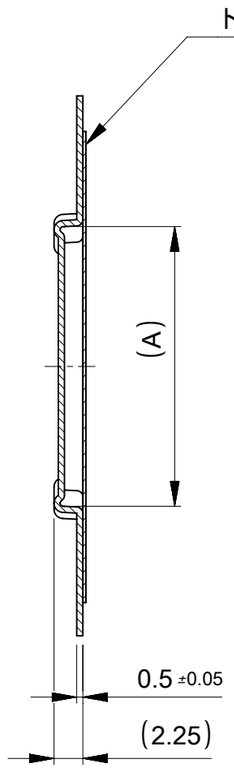
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-012	PSD	001	E

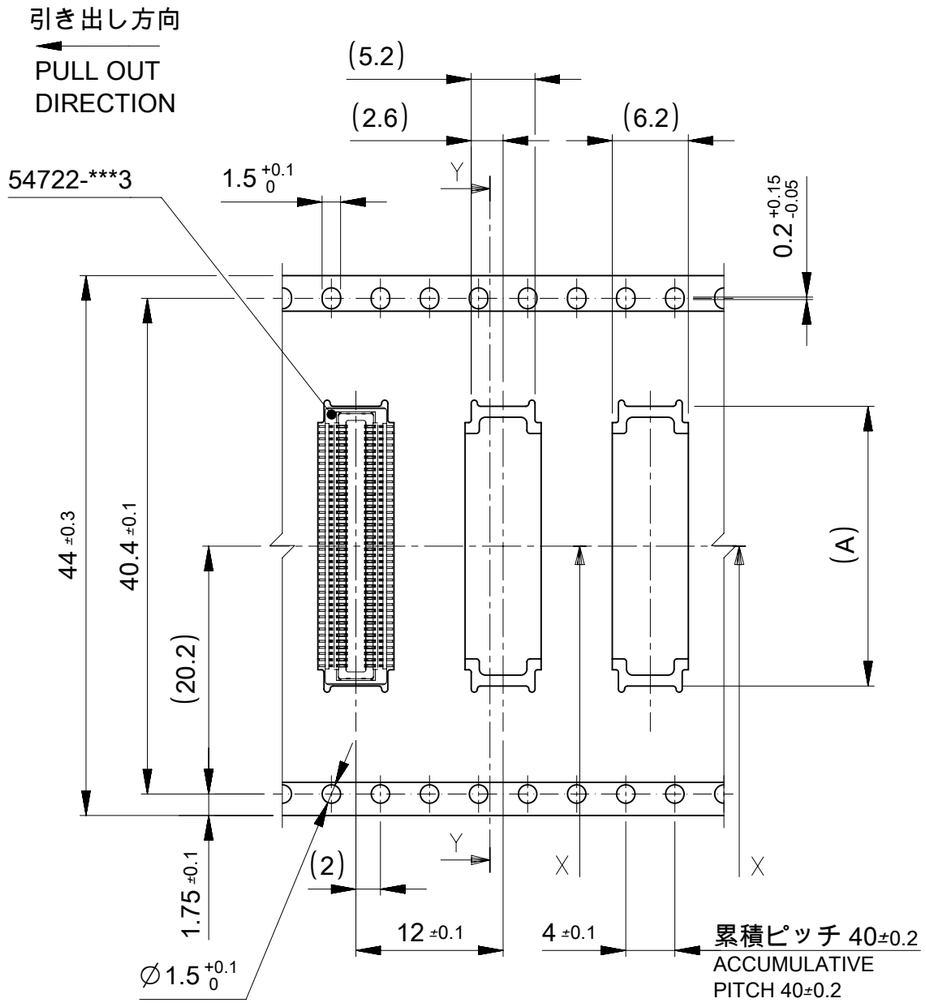
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	4 OF 5

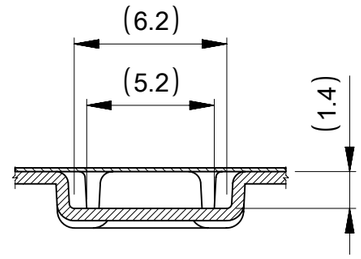
DOCUMENT STATUS	P1	RELEASE DATE	2026/03/31 06:02:36

FORMAT: master-lb-prod-A3
REVISION: J
DATE: 2020/01/14



SECTION Y-Y





SECTION X-X

44 mm幅キャリアテープ

44mm WIDTH CARRIER TAPE

44	49.4	45.4	22.8	54722-0804	80
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL NO.	極数 CIRCUIT

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DIMENSION UNITS	SCALE
mm	NTS

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

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: 851965
DRWN: DGONDO 2026/01/27
CHK'D: SMARUYAMA 2026/03/31
APPR: YNAITO 2026/03/31

INITIAL REVISION:
DRWN: T.ITO 2003/08/20
APPR: Y.YAMAGUCHI 2003/08/20

molex

0.5 MM PITCH B-TO-B CONN.
HEIGHT = 1.5 RECEPTACLE EMBOSS TAPE
PACKAGE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-54722-012	PSD	001	E

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	54722

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/31 06:02:36

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REVISION: J
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