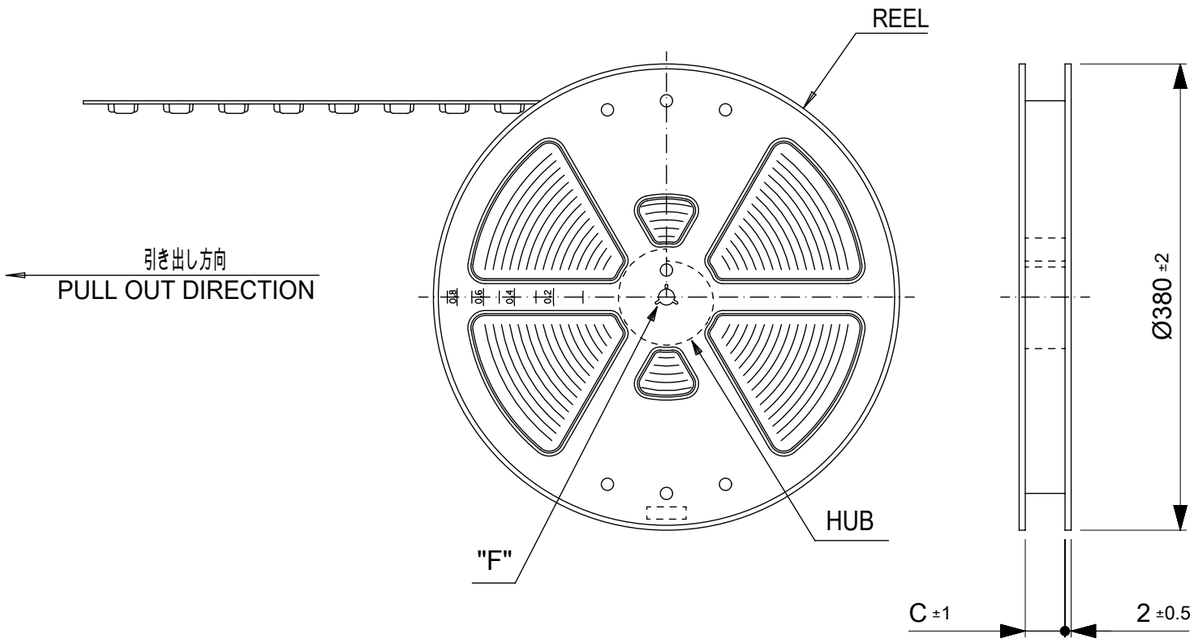
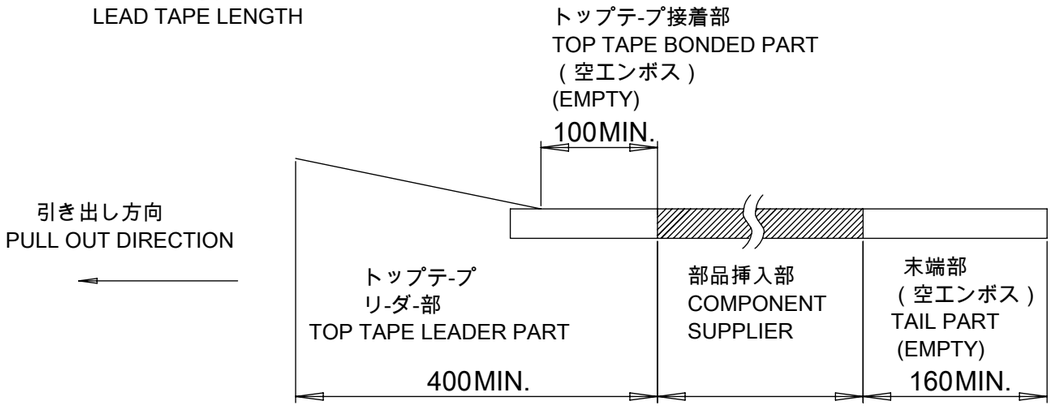
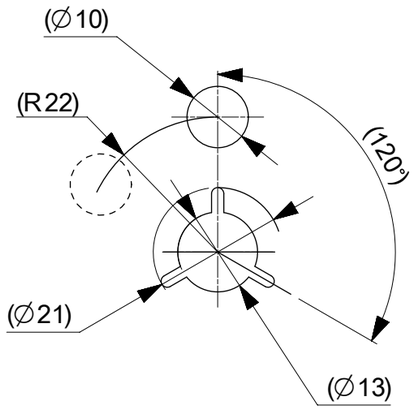


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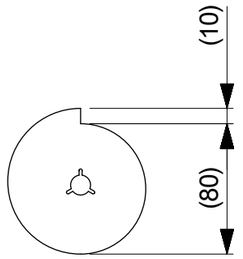
1. 梱包数量： 900 個 / リ-ル
   NUMBER OF CONNECTORS:900 PCS/REEL
2. リ-ドテ-プ長さ
   LEAD TAPE LENGTH



3. 製品詳細寸法については図面 SD-501864-008を参照下さい.
   RE DETAILED DIMENSION, SEE SD-501864-008.
4. 材料(MATERIAL)
   キャリアテ-プ(CARRIER TAPE) : ポリスチレン(POLYSTYRENE)
   トップテ-プ(TOP TAPE) : PET, PE, PE
   リ-ル(REEL) : ポリスチレン(POLYSTYRENE)
5. 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.
6. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT



DETAIL "F"



HUB

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

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.25
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761497
DRWN: RAJAGN 2023/08/31
CHK'D: HSHIMOYAMA 2023/09/01
APPR: HSHIMOYAMA 2023/09/01

INITIAL REVISION:
DRWN: AISHII 2015/10/29
APPR: YNOGAWA 2015/12/04

molex

EMBSTP PKG FOR 2.0 FPC TO BOARD RA TYPE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5051470000	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	505147		GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/01 07:50:32

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

引き出し方向
PULL OUT DIRECTION

505147**11

トップテープ
TOP TAPE

(6.55)
(2.95)
Y

$1.5\ ^{+0.1}_{0}$

$0.2\ ^{+0.15}_{+0.05}$

$32\ ^{\pm0.3}$
$28.4\ ^{\pm0.1}$
(14.2)
$1.75\ ^{\pm0.1}$

(A)
(B)
(12.7)

X
(1.51)
X

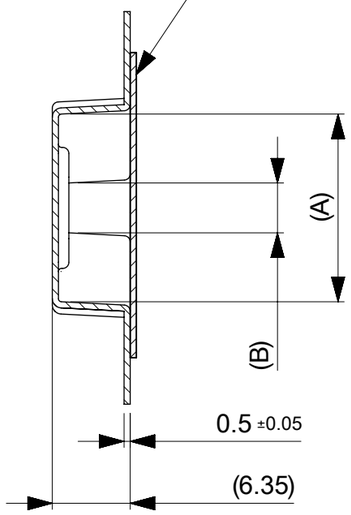
$\varnothing 1.5\ ^{+0.1}_{0}$

(2)
$16\ ^{\pm0.1}$
$4\ ^{\pm0.1}$

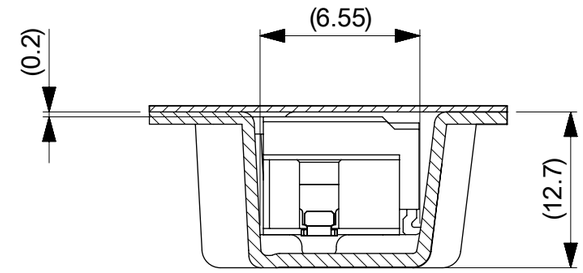
累積ピッチ　40±0.2
ACUMULATIVE PITCH 40±0.2

Y

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



SECTION Y-Y



SECTION X-X

32	33.4	8.0	19.3	5051470490	4
		6.0	17.3	5051470390	3
		4.0	15.3	5051470290	2
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	A	オーダー番号 ORDER NO.	極数 CKT

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

DIMENSION UNITS	mm
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.25
0 PLACES	± 0.3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 761497
DRWN: RAJAGN 2023/08/31
CHK'D: HSHIMOYAMA 2023/09/01
APPR: HSHIMOYAMA 2023/09/01

INITIAL REVISION:
DRWN: AISHII 2015/10/29
APPR: YNOGAWA 2015/12/04

molex

EMBSTP PKG FOR 2.0 FPC TO BOARD RA TYPE

PRODUCT CUSTOMER DRAWING

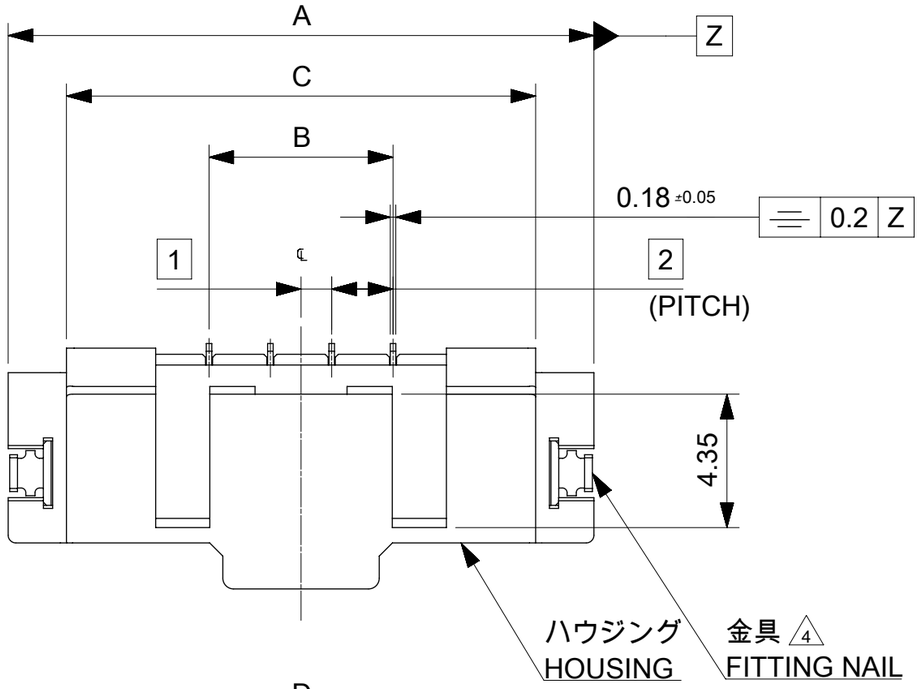
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5051470000	PSD	000	B

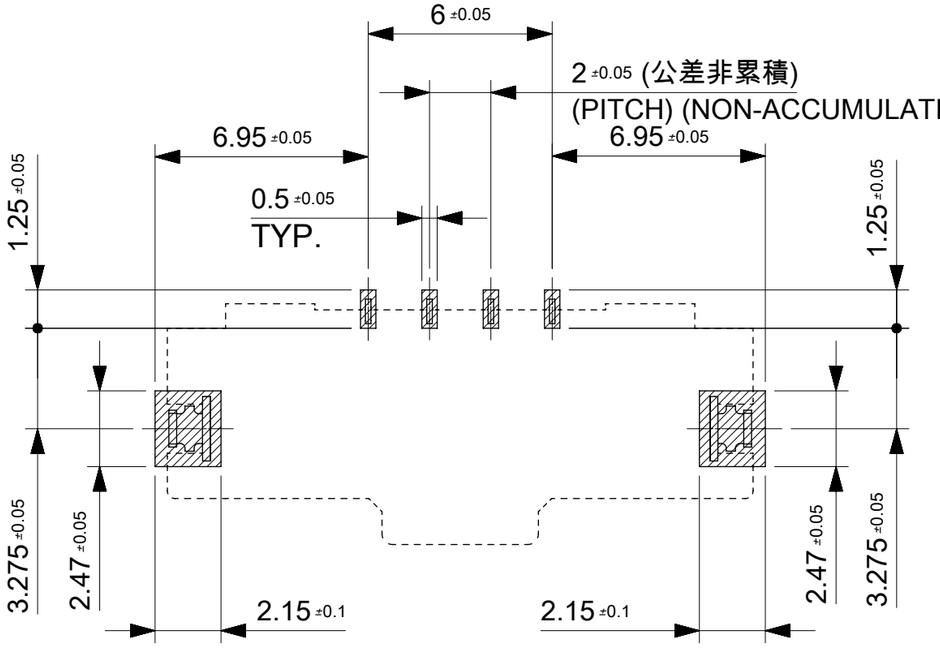
THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	505147

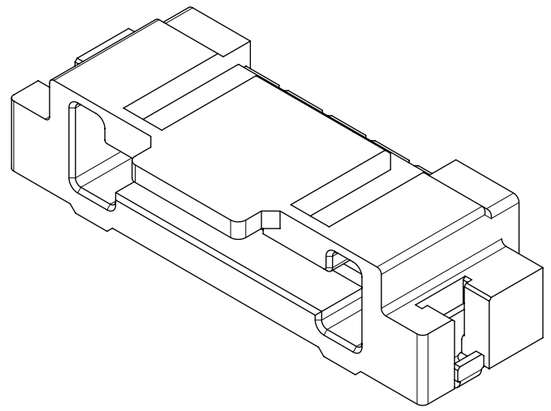
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL	2 OF 2

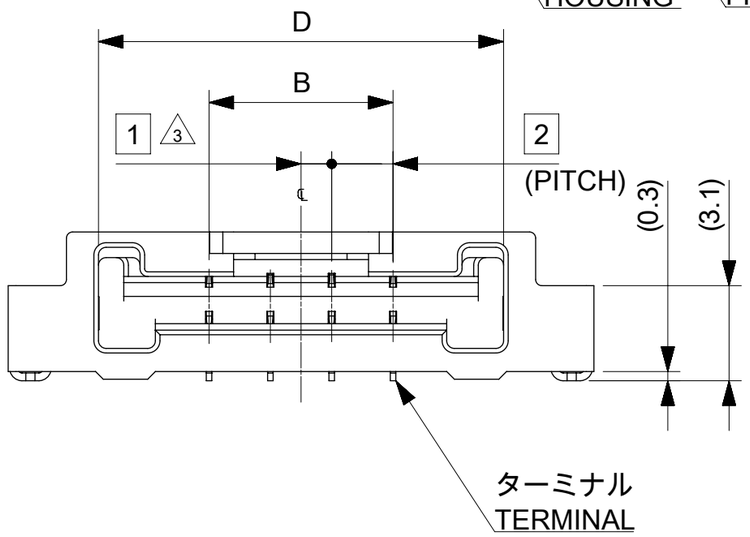
DOCUMENT STATUS	P1	RELEASE DATE	2023/09/01 07:50:32

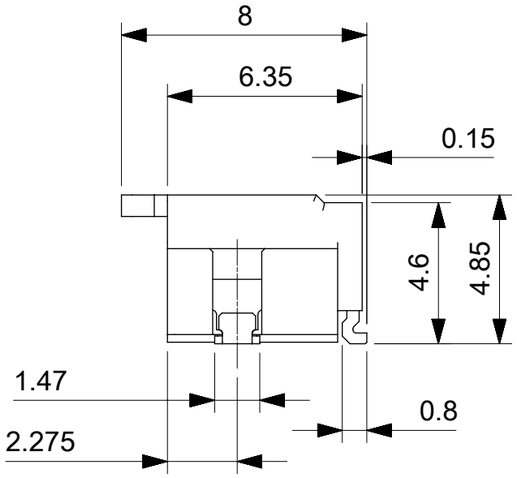
FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

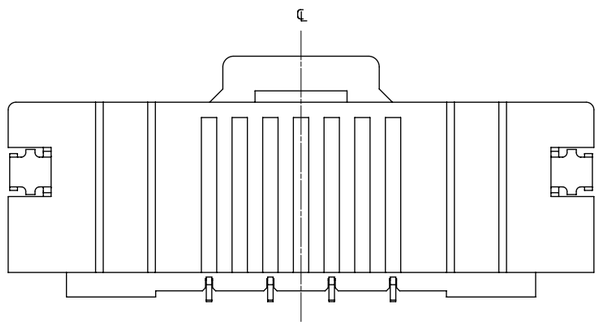












13.21	15.3	6.0	19.1	5051470490	4
11.21	13.3	4.0	17.1	5051470390	3
9.21	11.3	2.0	15.1	5051470290	2
D	C	B	A	EMBOSSED PACKAGE	極数
				オーダー番号 ORDER NO.	CIRCUITS

CONNECTOR SERIES NO. 505147**11

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

EC NO: 104966 2016/05/10
DRWN: AISHII 2016/05/13
CHK'D: TKUSUHARA01 2016/05/13
APPR: TKUSUHARA01

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	3.0	°
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	mm
SCALE	5:1
DRWN BY	AISHII
DATE	2015/10/21
CHK'D BY	KTAKAHASHI
DATE	2015/12/03
APPR BY	YNOGAWA
DATE	2015/12/04
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

REV: B

molex®

2.0 FPC TO BOARD CONN REC. HSG ASSY(RA)

PRODUCT CUSTOMER DRAWING

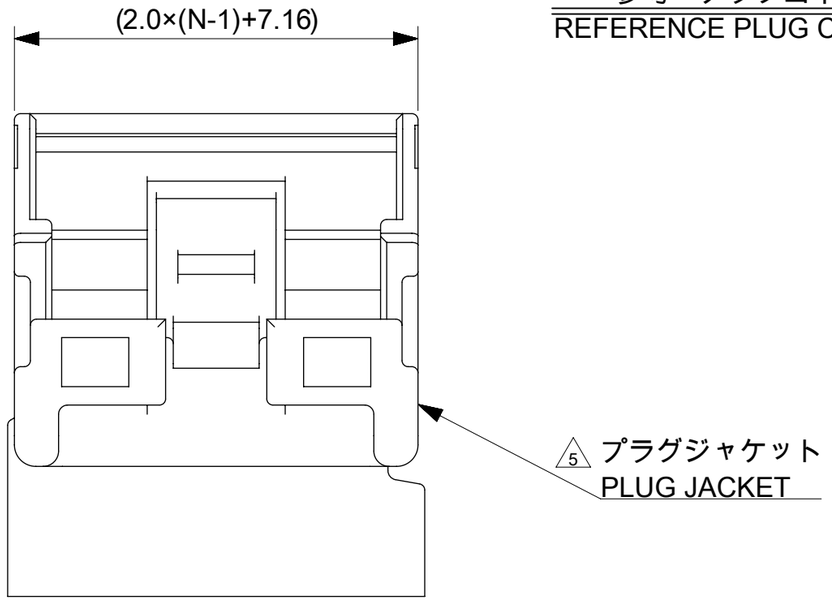
SERIES	MATERIAL NUMBER	CUSTOMER
505147	SEE CHART	GENERAL

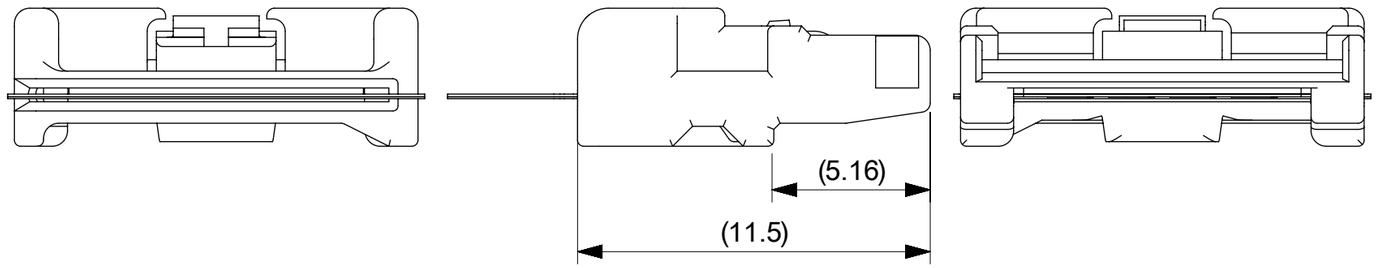
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5051471000	PSD	000	1 OF 3

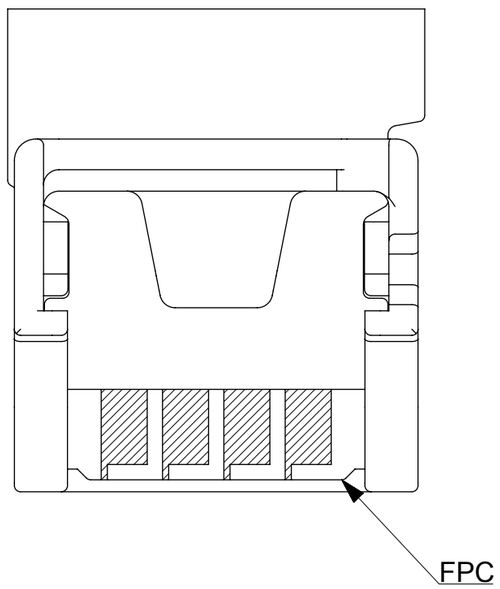
RELEASE STATUS	P1	RELEASE DATE	2016/05/13 05:58:41

FORMAT: master-lb-prod-A3
REVISION: G
DATE: 2015/12/14

参考　プラグコネクタ
REFERENCE PLUG CONNECTOR







注記　NOTES

1. 使用材料 MATERIAL
　ハウジング　　：液晶ポリマー(LCP),ガラス充填
　　UL94V-0,色；黒色
　HOUSING　　:LIQUID QRYSTAL POLYMER(LCP),GLASS FILLED
　　UL94V-0,COLOR;BLACK
　ターミナル　　：銅合金(t=0.18)
　TERMINAL　　:COPPER ALLOY(t=0.18)
　金具　　：銅合金(t=0.25)
　FITTING NAIL　:COPPER ALLOY(t=0.25)

2. めっき仕様　PLATING
　ターミナル TERMINAL
　　コンタクト部：部分金めっき(0.1μm以上)
　　テール部　　：部分金めっき
　　下地　　：ニッケルめっき(1.0μm以上)
　　CONTACT AREA　　:SEPARATED GOLD PLATING
　　(0.1 MICROMETER MINIMUM)
　　SOLDER TAIL AREA　:SEPARATED GOLD PLATING
　　UNDERPLATE　　:NICKEL OVERALL
　　(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 (0.1 MICROMETER MINIMUM)
　　UNDERPLATE　　:NICKEL OVERALL
　　(1.0 MICROMETER MINIMUM)

△3 N = 偶数に適用 (N ：極数)
　APPLY FOR N=EVEN(N:CIRCUIT)

△4 パターン剥離止め用金具
　FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B PATTERN.

△5 適合プラグジャケット：505148**08
　製品詳細寸法は5051480000を参照下さい。
　APPLICABLE PLUG JACKET:505148**08.
　DETAILED DIMENSION,SEE 5051480000.

6. テールと金具を併せた平坦度は0.1mm以下とする。
　TAILS AND NAILS COPLANARITY TO BE 0.1mm MAXIMUM.

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

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EC NO: 104966 2016/05/10
DRWN: AISHII 2016/05/13
CHK'D: TKUSUHARA01 2016/05/13
APPR: TKUSUHARA01

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV B

DIMENSION UNITS: mm　SCALE: 5:1
DRWN BY: AISHII　DATE: 2015/10/21
CHK'D BY: KTAKAHASHI　DATE: 2015/12/03
APPR BY: YNOGAWA　DATE: 2015/12/04
DRAWING SIZE: A3　THIRD ANGLE PROJECTION

molex®

2.0 FPC TO BOARD CONN REC. HSG ASSY(RA)

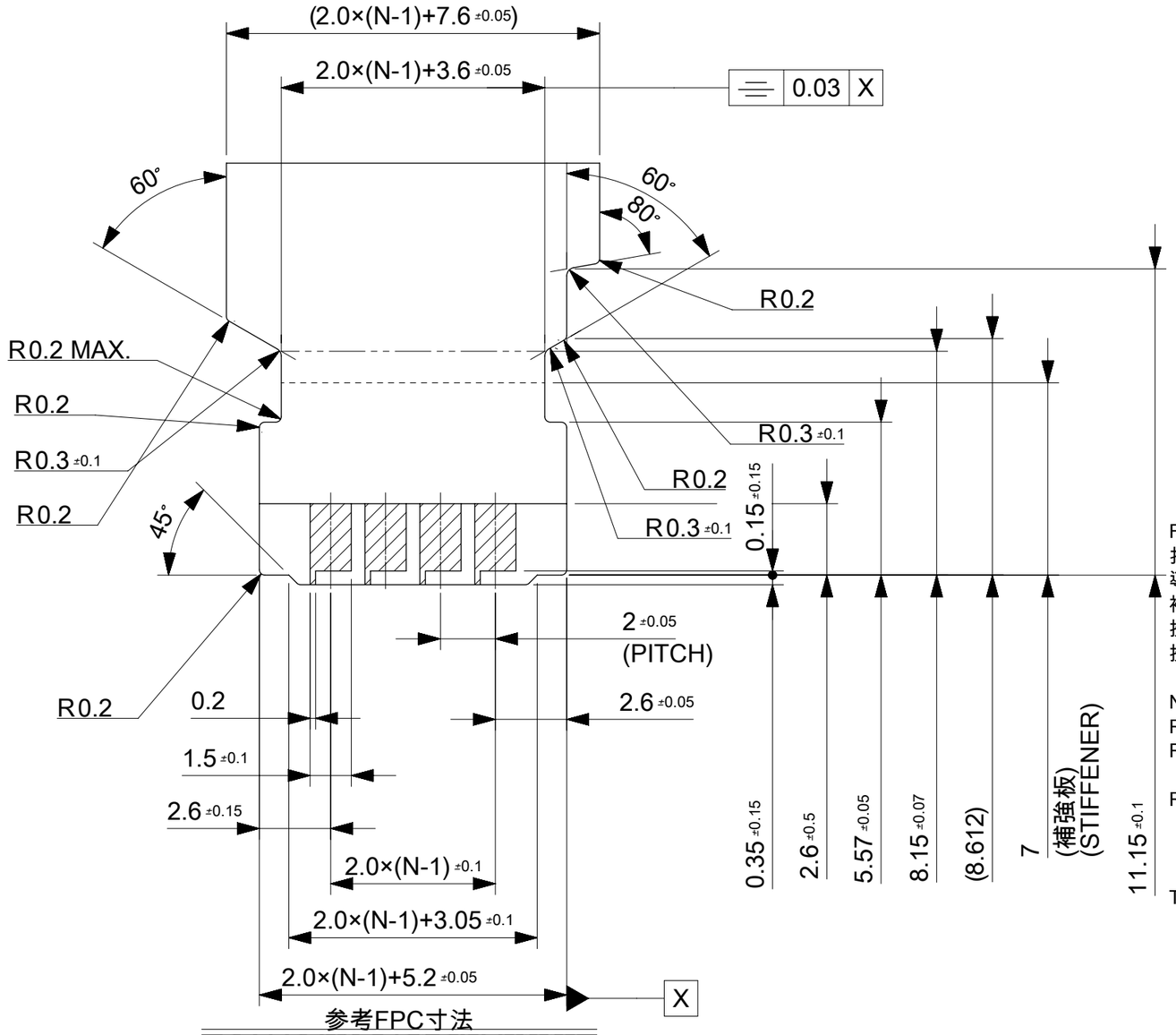
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
505147	SEE CHART	GENERAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5051471000	PSD	000	2 OF 3

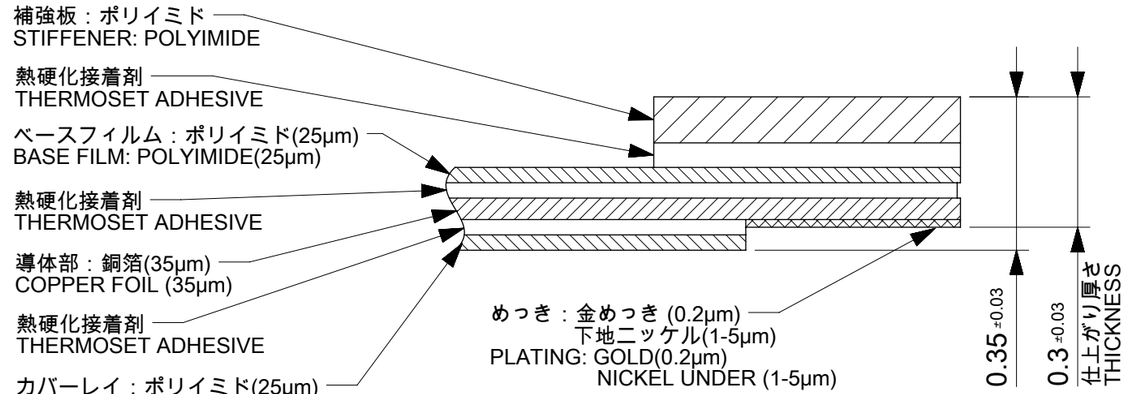
RELEASE STATUS	P1	RELEASE DATE	2016/05/13　05:58:41

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14



参考FPC寸法
REFERENCE FPC DIMENSION

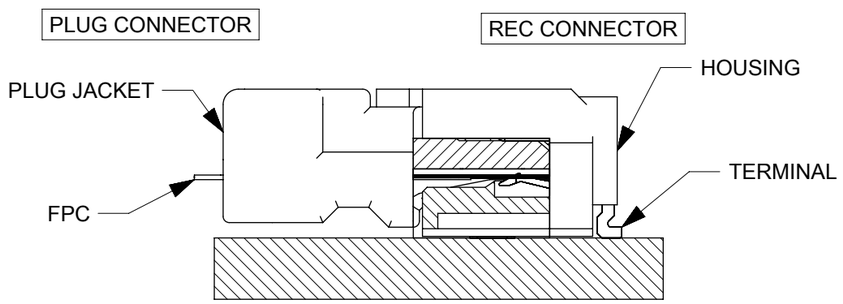
(仕上がり厚さ　：　接点部0.3±0.03)
(THICKNESS : CONTACT AREA 0.3 +/-0.03)



FPC構成推奨仕様
RECOMMENDED STRUCTURE OF FPC

FPC について:
打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟銅箔35μmまたは50μmを推奨します
補強フィルム材質はポリイミドを推奨します。ベ - スフィルムは25μmを推奨します。
接着剤は熱硬化接着剤を推奨します。
接点部に異物が無い様お願い致します。

NOTES OF FPC :
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TOWARDS STIFFENER SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.
RECOMMENDED MATERIAL/THICKNESS.
STIFFERNER : POLYIMIDE
BASE FILM THICKNESS : 25μm
ADHESIVE : THERMOSET ADHESIVE
THE CONTACT PAD AREA SHOULD BE WELL INSPECTED AND AVOID ALL FOREIGN CONTAMINATIONS.



嵌合断面
MATED CONNECTOR SECTION

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

EC NO: 104966	2016/05/10		
DRWN: AISHII	2016/05/13		
CHK'D: TKUSUHARA01	2016/05/13		
APPR: TKUSUHARA01			

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °

4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS	mm
SCALE	5:1
DRWN BY	AISHII
DATE	2015/10/21
CHK'D BY	KTAKAHASHI
DATE	2015/12/03
APPR BY	YNOGAWA
DATE	2015/12/04
DRAWING SIZE	A3
	THIRD ANGLE PROJECTION

molex®

2.0 FPC TO BOARD CONN REC. HSG ASSY(RA)

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
505147	SEE CHART	GENERAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5051471000	PSD	000	3 OF 3

RELEASE STATUS	P1	RELEASE DATE	2016/05/13 05:58:41

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2015/12/14