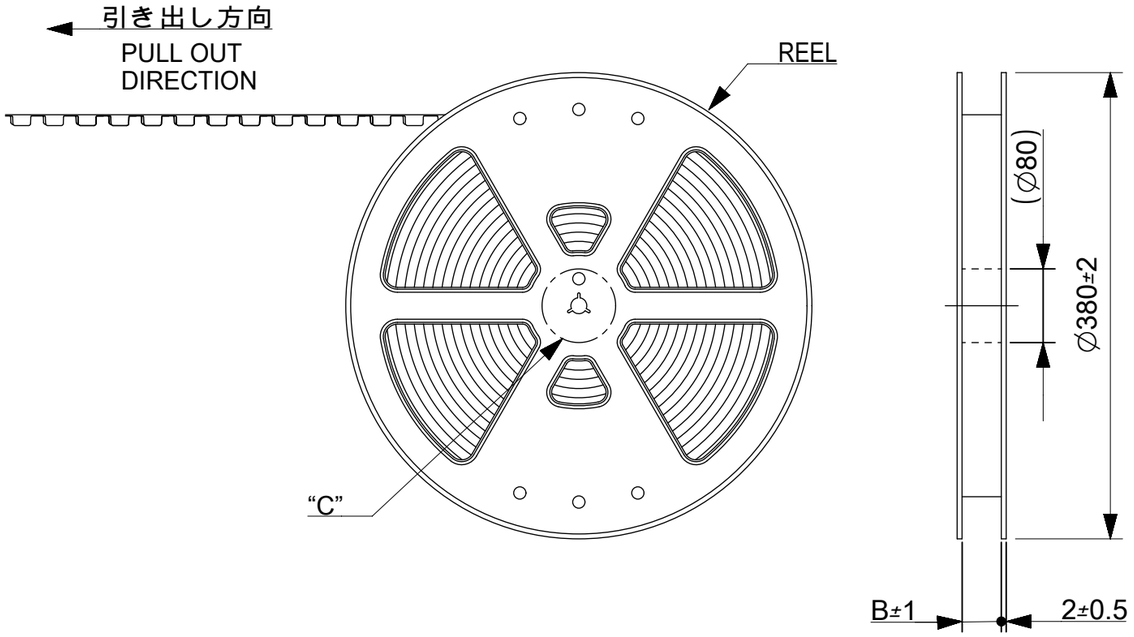
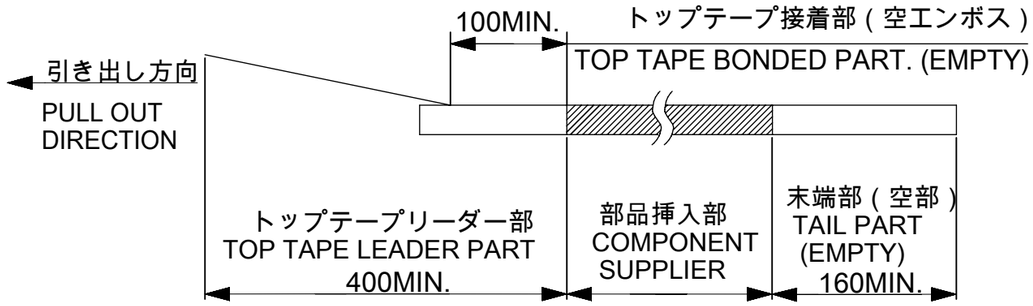
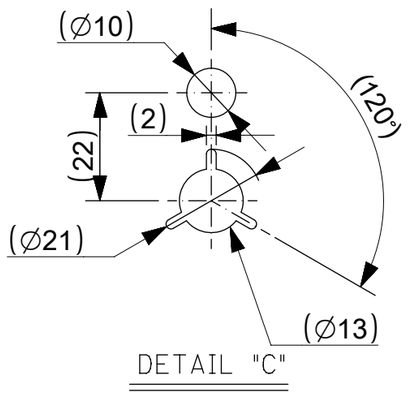


注記 NOTES

1. 製品詳細寸法については図面5047541003を参照下さい。
   REFER TO THE 5047541003 ABOUT DIMENSIONS IN DETAIL.
2. 梱包数量：5000個/リール
   NUMBER OF CONNECTORS：5000 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)リサイクル材含む
   POLYSTYRENE(PS)RECYCLE MATERIAL CONTAINED
5. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANCT



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

EC NO:	104191	2016/04/05
DRWN:	AYOSHII01	2016/04/18
CHK'D:	TKUSUHARA01	2016/04/18
APPR:	TKUSUHARA01	

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	1.0 °
4 PLACES	± 0.03
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: A

DIMENSION UNITS	mm
SCALE	~~10:1~~
DRWN BY	AYOSHII01
DATE	2016/04/05
CHK'D BY	YKOBAYASHI02
DATE	
APPR BY	TKUSUHARA01
DATE	2016/04/18
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex®

0.3 FPC CONN. B/F LA75 SERIES TAPING PKG

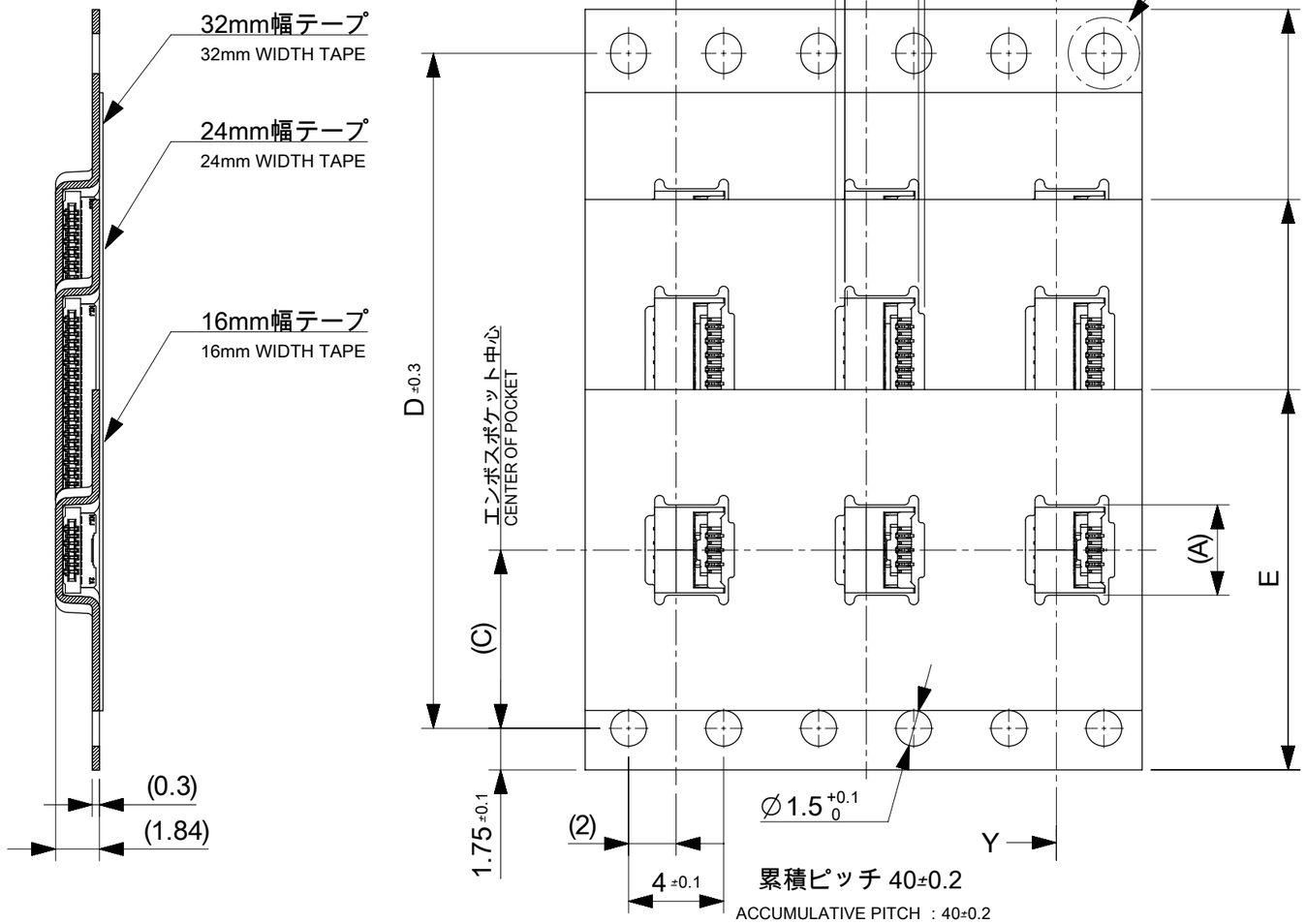
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
504754	SEE SHEET 1	

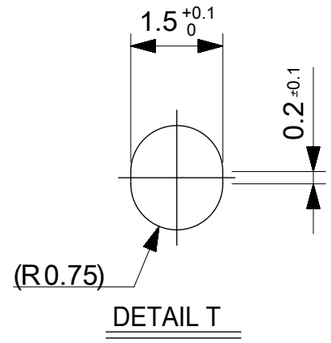
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047540003	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	2016/04/18 06:38:24

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



SECTION Y-Y



DETAIL T

32±0.3	28.4	14.2	33.4	20.0	504754-6140	61
				17.0	504754-5140	51
24±0.3	--	11.5	25.4	14.0	504754-4140	41
				13.4	504754-3940	39
				12.8	504754-3740	37
				12.2	504754-3540	35
				11.6	504754-3340	33
				11.0	504754-3140	31
				9.2	504754-2540	25
				8.0	504754-2140	21
16±0.3	--	7.5	17.4	6.2	504754-1540	15
				4.9	504754-1140	11
				4.3	504754-0940	9
				3.7	504754-0740	7
Eキャリアテープ幅 EMBOSSED TAPE WIDTH	D	C	B	A	オーダー番号 ORDER NO.	極数 CIRCUITS
ACTUATOR COLOR					NATURAL	

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

EC NO: 104191 2016/04/05
DRWN: AYOSHII01 2016/04/18
CHK'D: TKUSUHARA01 2016/04/18
APPR: TKUSUHARA01 2016/04/18

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	0.03
3 PLACES	±	0.03
2 PLACES	±	0.05
1 PLACE	±	0.1
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: A

DIMENSION UNITS: mm
SCALE: ~~10:1~~
DRWN BY: AYOSHII01 DATE: 2016/04/05
CHK'D BY: YKOBAYASHI02 DATE:
APPR BY: TKUSUHARA01 DATE: 2016/04/18
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

0.3 FPC CONN. B/F LA75 SERIES TAPING PKG

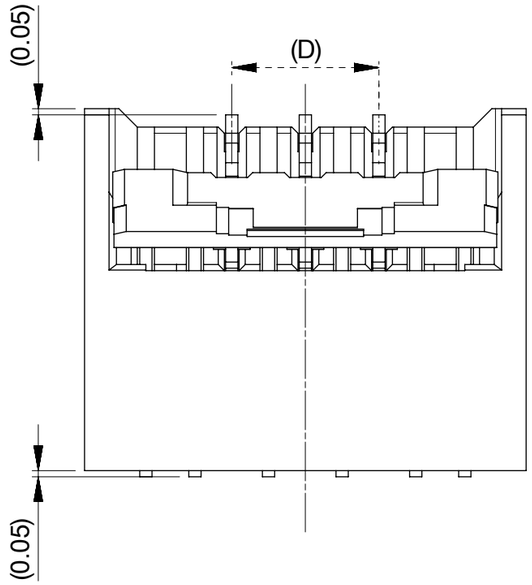
PRODUCT CUSTOMER DRAWING

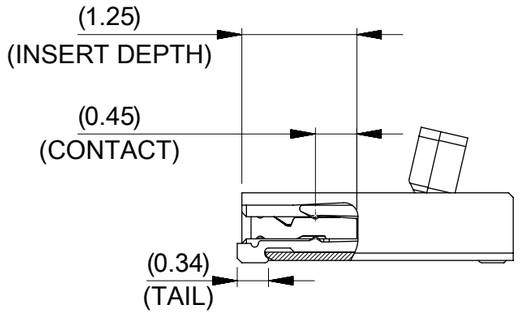
SERIES	MATERIAL NUMBER	CUSTOMER
504754	SEE SHEET 1	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047540003	PSD	000	2 OF 2

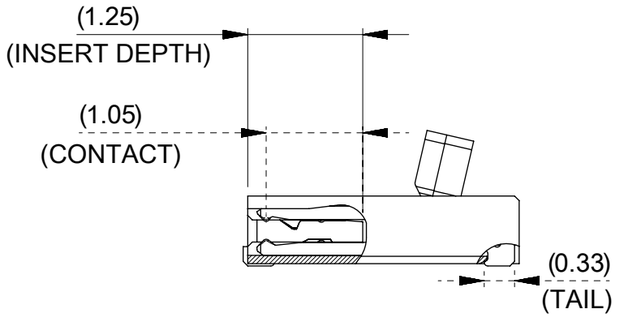
RELEASE STATUS	P1	RELEASE DATE	2016/04/18 06:38:24

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

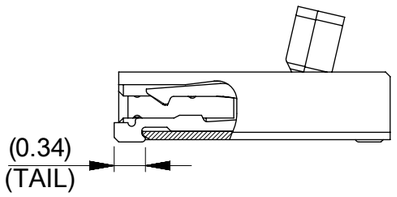




奇数端子 (15 : 1)
ODD TERMINAL

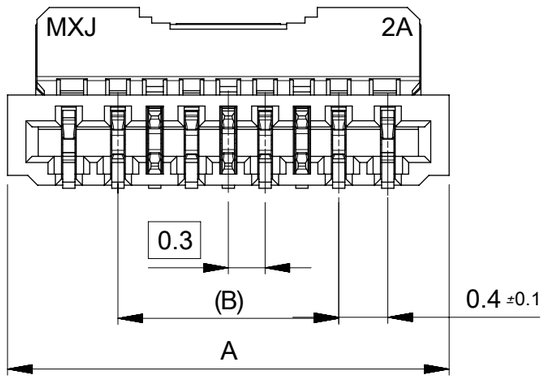


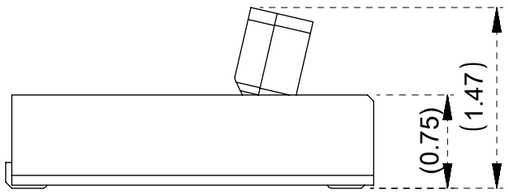
偶数端子 (15 : 1)
EVEN TERMINAL



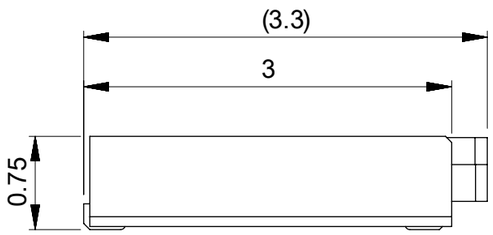
ロックターミナル(15 : 1)
LOCK TERMINAL

注記 NOTES:
1.材質 MATERIAL
ハウジング: 液晶ポリマー(LCP)、黒色、ガラス充填、UL94 V-0
HOUSING: LIQUID CRYSTAR POLYMER, BLACK,
GLASS FILLED, UL94 V-0
アクチュエータ:
LCP TYPE：液晶ポリマー(LCP)、ナチュラル色、ガラス充填、UL94 V-0
ACTUATOR:
LCP TYPE：LIQUID CRYSTAL POLYMER, NATURAL
GLASS FILLED, UL94 V-0
奇数ターミナル: 銅合金 (t = 0.10)
ODD TERMINAL: COPPER ALLOY(t=0.10)
偶数ターミナル: 銅合金 (t = 0.10)
EVEN TERMINAL: COPPER ALLOY(t=0.10)
ロックターミナル：銅合金 (t = 0.10)
LOCK TERMINAL：COPPER ALLOY(t=0.10)
2.めっき仕様 PLATING
奇数 / 偶数ターミナル ODD/EVEN TERMINAL
接点部: 部分金めっき(0.1μm以上)
CONTACT AREA: SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM)
半田付け部: 部分金めっき
SOLDER TAIL AREA: SEPARATED GOLD PLATING
下地: ニッケルめっき(1.0μm以上)
UNDERPLATE: NICKEL PLATING(1.0 MICROMETER MINIMUM)
ロックターミナル LOCK TERMINAL
半田付け部: 部分金めっき
SOLDER TAIL AREA: SEPARATED GOLD PLATING
下地: ニッケルめっき(1.0μm以上)
UNDERPLATE：NICKEL PLATING(1.0 MICROMETER MINIMUM)
3.平坦度は、0.1mm以下とする。
TAILS' COPLANARITY TO BE 0.1 MAXIMUM.
4.ELV及びRoHS適合品
ELV AND RoHS COMPLIANT





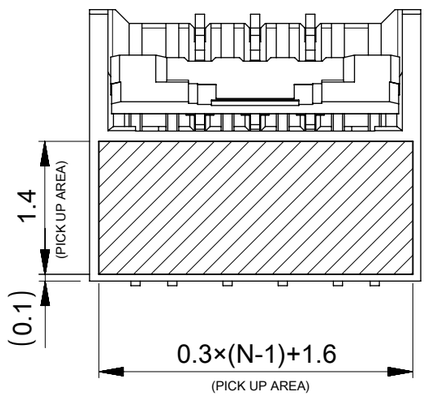
(ACTUATOR OPEN)



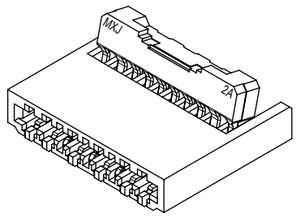
(ACTUATOR CLOSED)

18.5	17.4	19.3	18.0	19.8	504754-6140	61
15.5	14.4	16.3	15.0	16.8	504754-5140	51
12.5	11.4	13.3	12.0	13.8	504754-4140	41
11.9	10.8	12.7	11.4	13.2	504754-3940	39
11.3	10.2	12.1	10.8	12.6	504754-3740	37
10.7	9.6	11.5	10.2	12.0	504754-3540	35
10.1	9.0	10.9	9.6	11.4	504754-3340	33
9.5	8.4	10.3	9.0	10.8	504754-3140	31
7.7	6.6	8.5	7.2	9.0	504754-2540	25
6.5	5.4	7.3	6.0	7.8	504754-2140	21
4.7	3.6	5.5	4.2	6.0	504754-1540	15
3.5	2.4	4.3	3.0	4.8	504754-1140	11
2.9	1.8	3.7	2.4	4.2	504754-0940	9
2.3	1.2	3.1	1.8	3.6	504754-0740	7
E	D	C	B	A	EMBOSSED PACKAGE オーダー番号：ORDER NO.	CIRCUITS

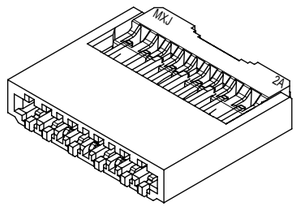
CONNECTOR SERIES 504754-**49



推奨ピックアップエリア(15 : 1)
RECOMMENDED PICK UP AREA



ISO VIEW(REFERENCE)
(ACTUATOR OPENED)



ISO VIEW(REFERENCE)
(ACTUATOR CLOSED)

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REVISED
EC NO: 113640 2017/02/17
DRWN: YCHEN128 2017/02/20
CHK'D: YKOBAYASHI02 2017/02/20
APPR: TKUSUHARA01

REV
C

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ±	1.0 °
4 PLACES	± 0.03
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	MM
SCALE	20:1
DRWN BY	AYOSHII01
DATE	2016/04/05
CHK'D BY	YKOBAYASHI02
DATE	2016/04/15
APPR BY	TKUSUHARA01
DATE	2016/04/18
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex®

0.3 FPC LA75 SERIES ASSY

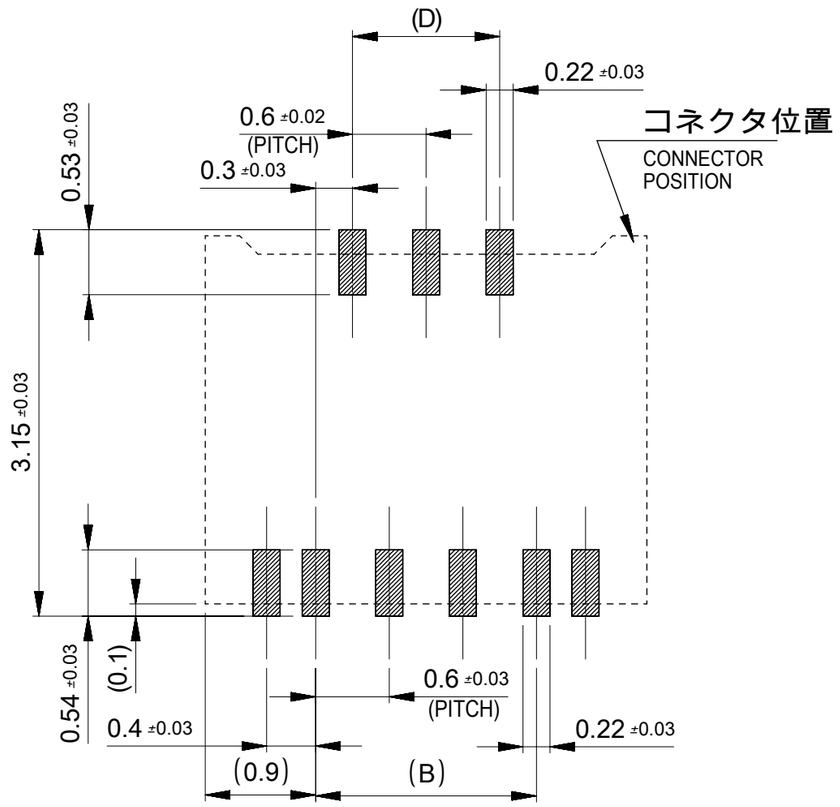
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
504754	SEE SHEET 1	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047541003	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	20.02.2017 08:26:04

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



推奨基板レイアウト

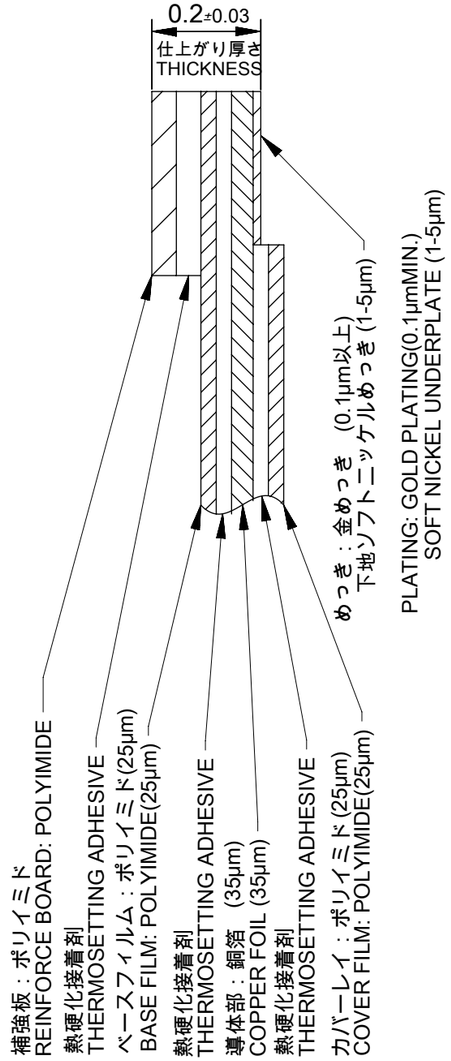
RECOMMENDED P.C.BOARD
PATTERN LAYOUT

推奨メタルマスク厚さ：0.1mm

RECOMMENDED METAL MASK THICKNESS : 0.1mm

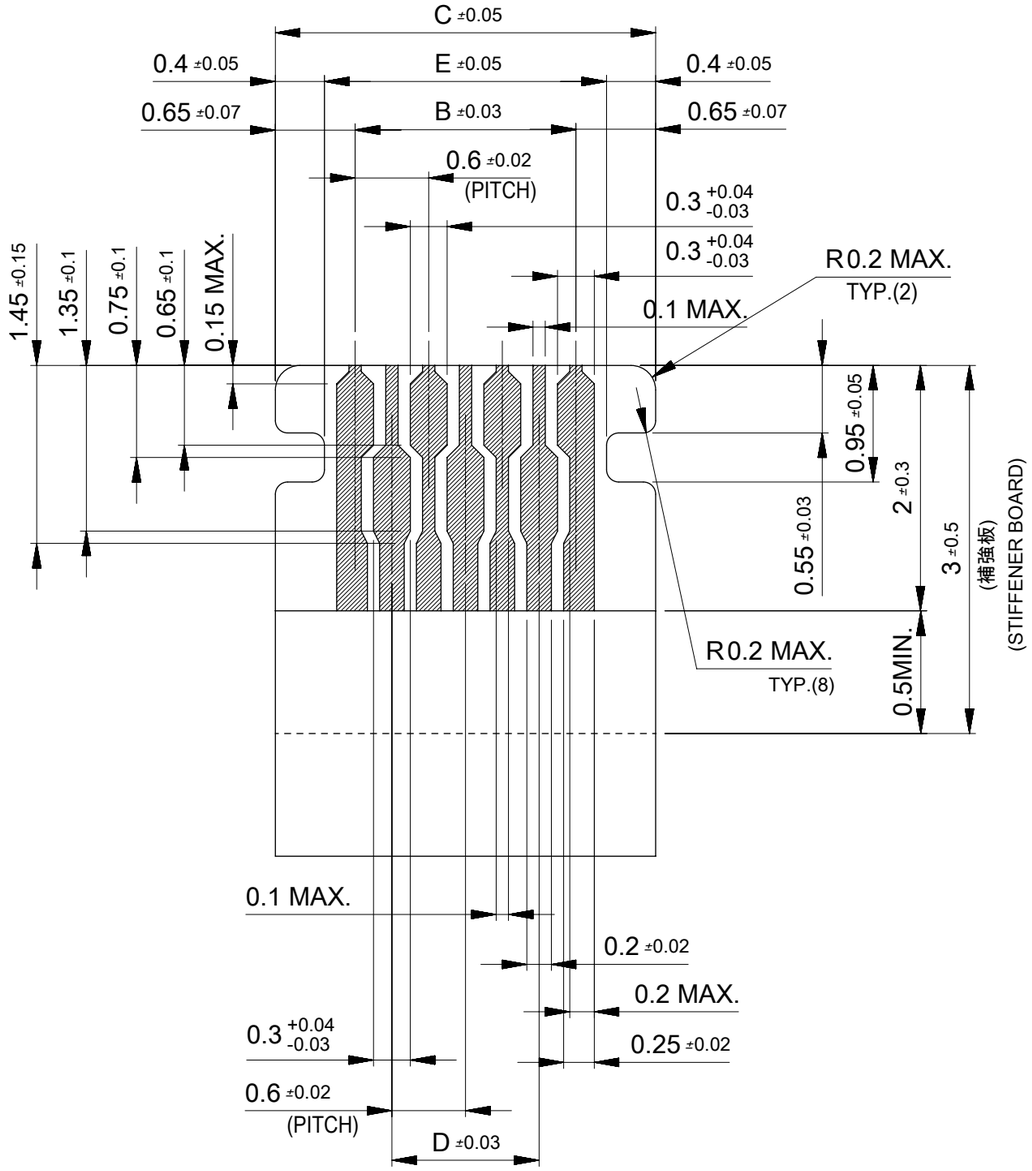
推奨開口率 ：70%

APERTURE RATE : 70%



FPC構成推奨仕様

STRUCTURE OF FPC



適合金メッキFPC推奨寸法

仕上がり厚さ：0.2±0.03

APPLICABLE FPC WITH GOLD PLATING
RECOMMENDED DIMENSION
THICKNESS :0.2±0.03

注記

NOTE

1. 必ず基板に実装してからアクチュエ-タを操作して下さい.
   PLEASE OPERATE THE ACTUATOR AFTER MOUNTING ON THE SUBSTRATE.
2. FPCについて
   ABOUT FPC
   補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。
   接着剤は熱硬化接着剤を推奨します。
   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。
   RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
   RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
   RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
   NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE
   ON ADHEREND BECAUSE THERE IS A
   POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES
   THE DEFECT IN ELECTRICAL CONTINUITY.

   打抜き方向は導体側から補強板側を推奨致します。
   RECOMMENDED PUNCHER DIRECTION:
   FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.

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REVISED
EC NO: 113640 2017/02/17
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APPR: TKUSUHARA01 2017/02/20

REV: C

GENERAL TOLERANCES (UNLESS SPECIFIED)

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	MM
SCALE	20:1
DRWN BY	AYOSHII01
DATE	2016/04/05
CHK'D BY	YKOBAYASHI02
DATE	2016/04/15
APPR BY	TKUSUHARA01
DATE	2016/04/18
DRAWING SIZE	A3
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molex®

0.3 FPC LA75 SERIES ASSY

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
504754	SEE SHEET 1	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5047541003	PSD	000	2 OF 2

RELEASE STATUS	P1	RELEASE DATE	20.02.2017 08:26:04

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