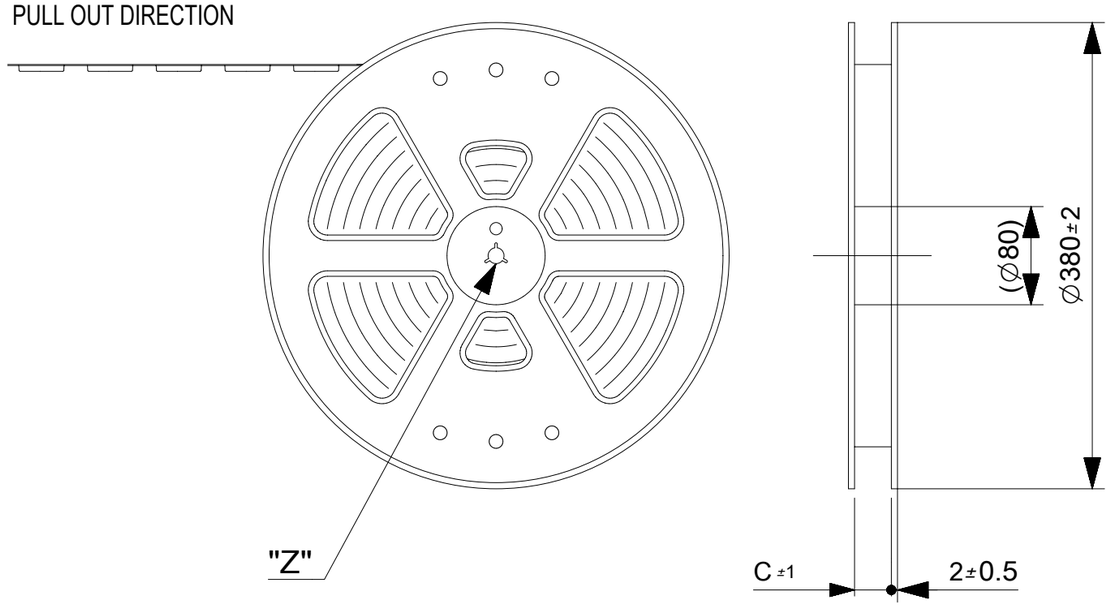
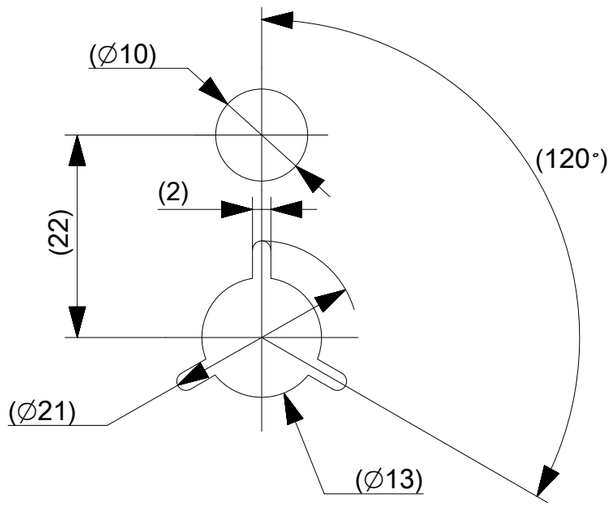
引き出し方向

PULL OUT DIRECTION

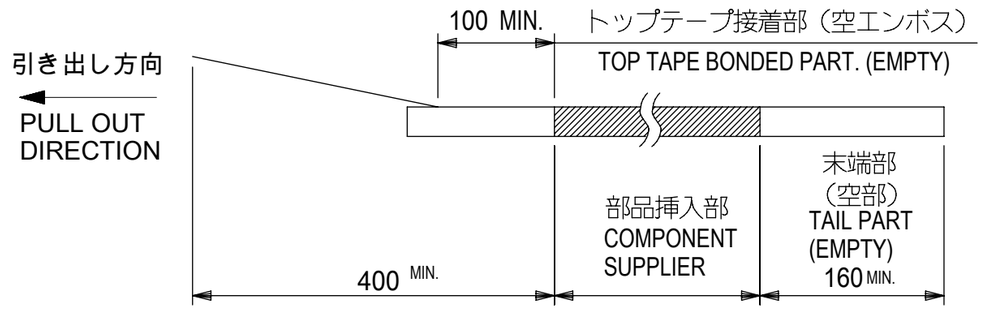




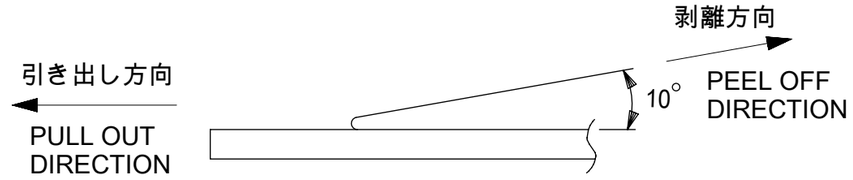
DETAIL "Z"

NOTES

1. 製品詳細寸法は製品単体図面を参照して下さい.
   FOR DETAIL OF CONNECTOR DIMENSIONS,PLEASE SEE THE DRAWING OF CONNECTOR ITSELF(NOT PACKAGED).
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. トップテープの剥離強度 : 60±35gf　(0.25N ~ 0.93N)　(剥離方向は下図参照)
   尚、本規格は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
   PEELING OFF FORCE OF TOP TAPE : 60gf±35gf (0.25N ~ 0.93N)
   (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(MATERIAL)
   キャリアテープ(CARRIER TAPE)： ポリスチレン(POLYSTYREN)
   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>
   POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>
6. C寸法は SHEET 2 ~ 4を参照下さい。
   SEE SHEET 2 ~ 4(DIMENSION C).
7. ELV AND RoHS COMPLIANT.

501912**90 | MODEL NO.

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

RELEASED	2015/11/24
EC NO:	101883 2016/01/05
DRWN:	SHIRATA 2016/01/05
CHK'D:	YNOGAWA
APPR:	YNOGAWA
REV	A

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	NTS
DRWN BY	SHIRATA
DATE	2015/11/24
CHK'D BY	HIIJIMA
DATE	
APPR BY	YNOGAWA
DATE	2016/01/05
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex

EMBSTP PKG FOR 0.3 FPC CONN
(HGT=1.8MM) GOLD PLATING

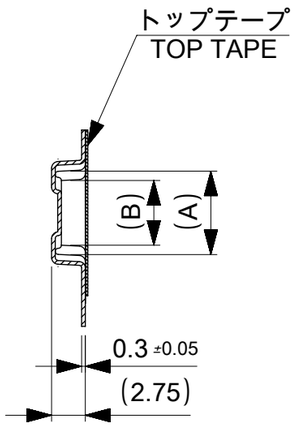
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

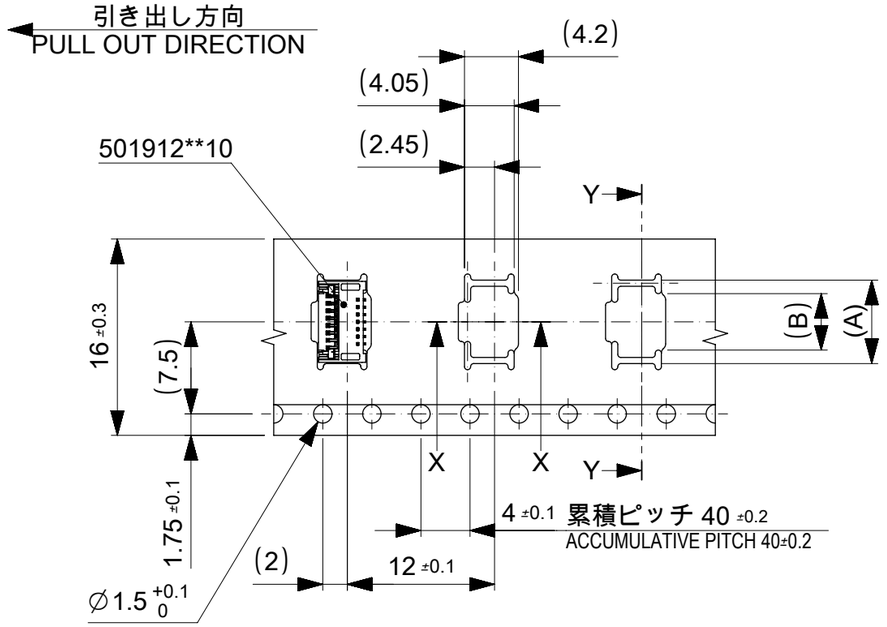
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5019120000	PSD	000	1 OF 4

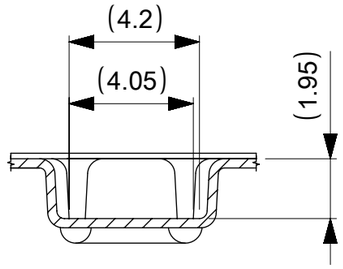
RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:50

FORMAT: master-tb-prod-A3
REVISION: D
DATE: 2015/09/04



SECT. Y-Y





SECT. X-X

16mm幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	17.5	4.6	6.8	5019121590	15
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
501912**90				MODEL NO.	

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

RELEASED
EC NO: 101883 2015/11/24
DRWN: SHIRATA 2016/01/05
CHK'D: YNOGAWA 2016/01/05
APPR: YNOGAWA

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

A REV

DIMENSION UNITS: mm
SCALE: NTS
DRWN BY: SHIRATA DATE: 2015/11/24
CHK'D BY: HIIJIMA DATE:
APPR BY: YNOGAWA DATE: 2016/01/05
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex

EMBSTP PKG FOR 0.3 FPC CONN (HGT=1.8MM) GOLD PLATING

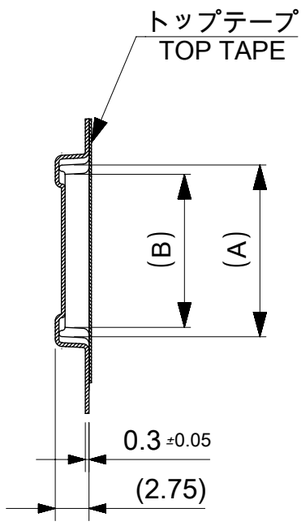
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

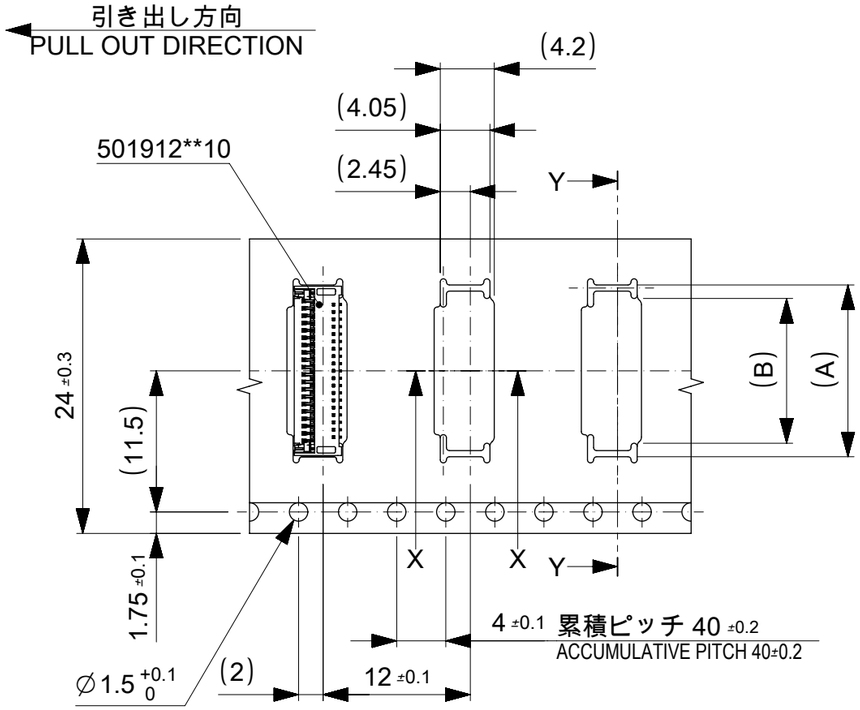
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5019120000	PSD	000	2 OF 4

RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:50

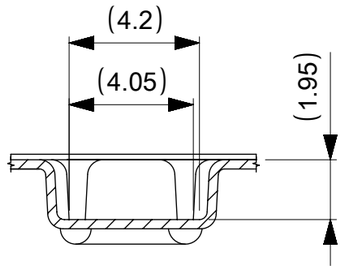
FORMAT: master-tb-prod-A3
REVISION: D
DATE: 2015/09/04



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	C	(B)	(A)	オーダー番号 ORDER NO.	極数 Ckt
24	25.5	12.4	14.6	5019124190	41
		11.8	14.0	5019123990	39
		11.2	13.4	5019123790	37
		10.6	12.8	5019123590	35
		10.0	12.2	5019123390	33
		8.2	10.4	5019122790	27
		7.6	9.8	5019122590	25
		7.0	9.2	5019122390	23
		6.4	8.6	5019122190	21
501912**90				MODEL NO.	

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

RELEASED
EC NO: 101883 2015/11/24
DRWN: SHIRATA 2016/01/05
CHK'D: YNOGAWA 2016/01/05
APPR: YNOGAWA

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: A

DIMENSION UNITS: mm
SCALE: NTS
DRWN BY: SHIRATA DATE: 2015/11/24
CHK'D BY: HIIJIMA DATE:
APPR BY: YNOGAWA DATE: 2016/01/05
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex

EMBSTP PKG FOR 0.3 FPC CONN
(HGT=1.8MM) GOLD PLATING

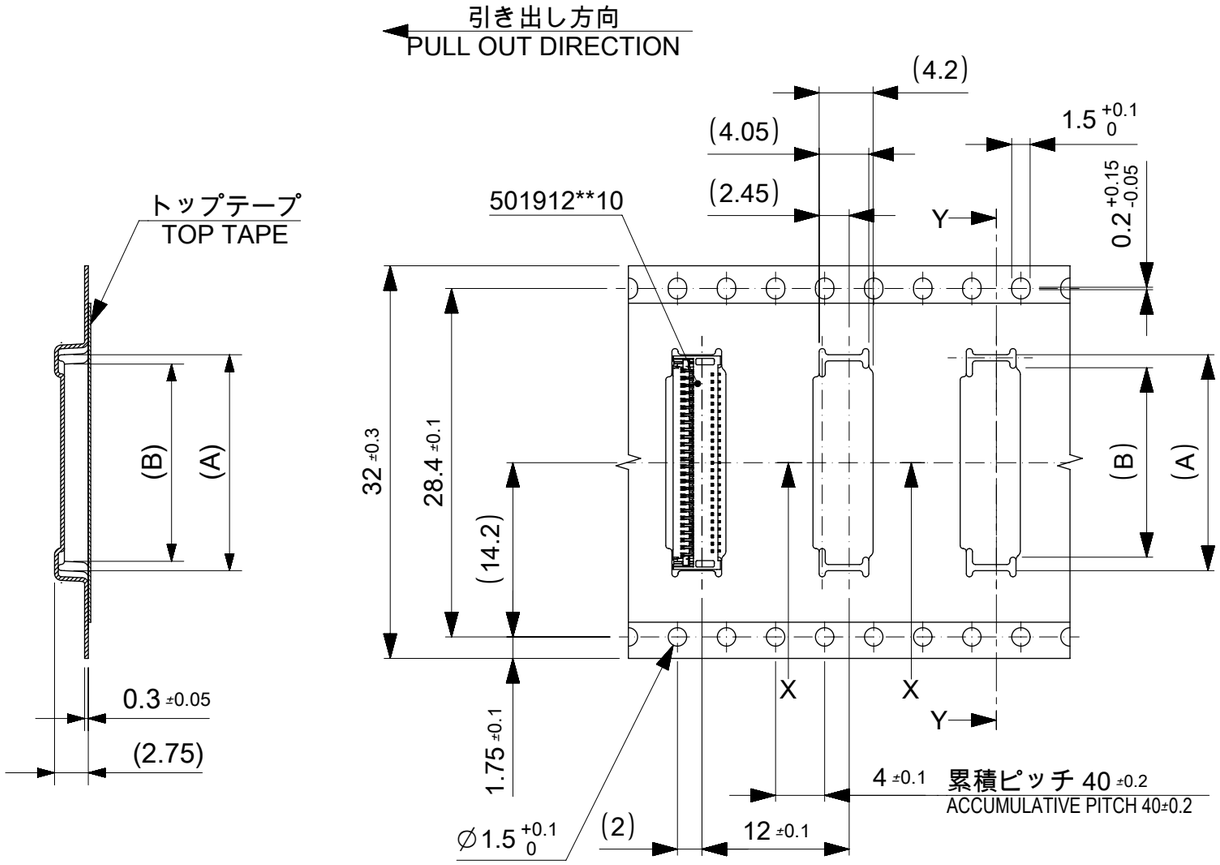
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

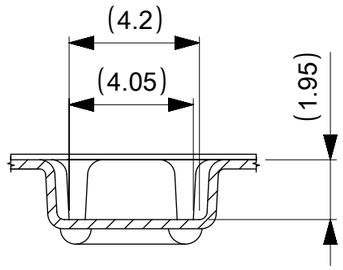
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5019120000	PSD	000	3 OF 4

RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:50

FORMAT: master-lb-prod-A3
REVISION: D
DATE: 2015/09/04



SECT. Y-Y



SECT. X-X

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	33.5	15.4	17.6	5019125190	51
		14.2	16.4	5019124790	47
		13.6	15.8	5019124590	45
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
501912**90				MODEL NO.	

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

RELEASED
EC NO: 101883 2015/11/24
DRWN: SHIRATA 2016/01/05
CHK'D: YNOGAWA 2016/01/05
APPR: YNOGAWA

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: A

DIMENSION UNITS: mm
SCALE: NTS
DRWN BY: SHIRATA DATE: 2015/11/24
CHK'D BY: HIIJIMA DATE:
APPR BY: YNOGAWA DATE: 2016/01/05
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex

EMBSTP PKG FOR 0.3 FPC CONN (HGT=1.8MM) GOLD PLATING

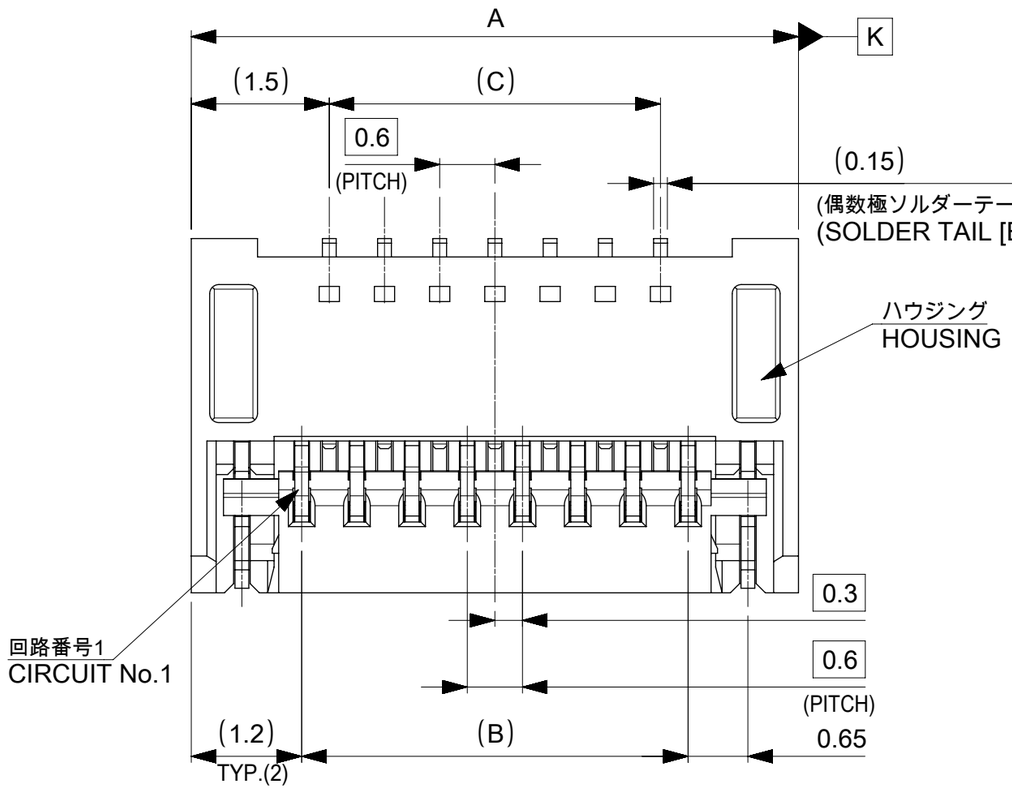
PRODUCT CUSTOMER DRAWING

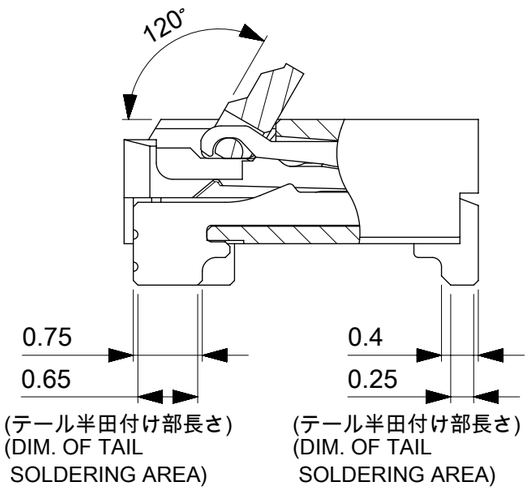
SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

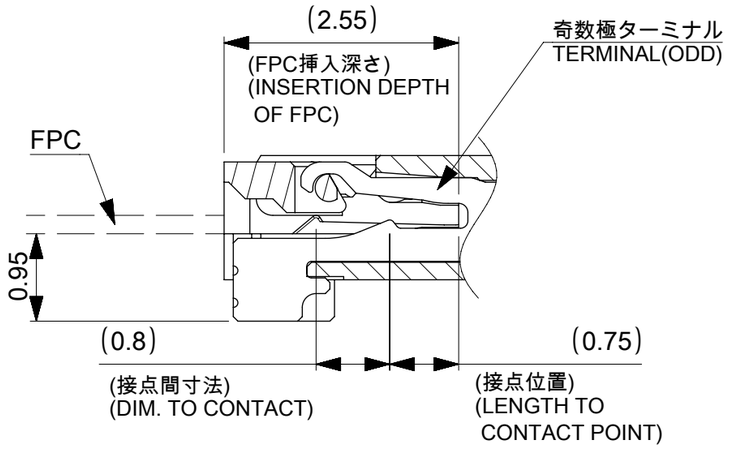
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RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:50

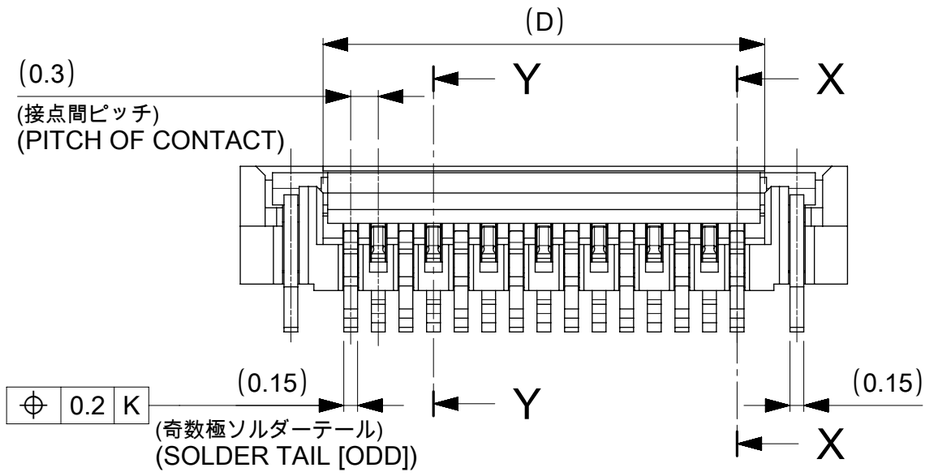
FORMAT: master-tb-prod-A3
REVISION: D
DATE: 2015/09/04

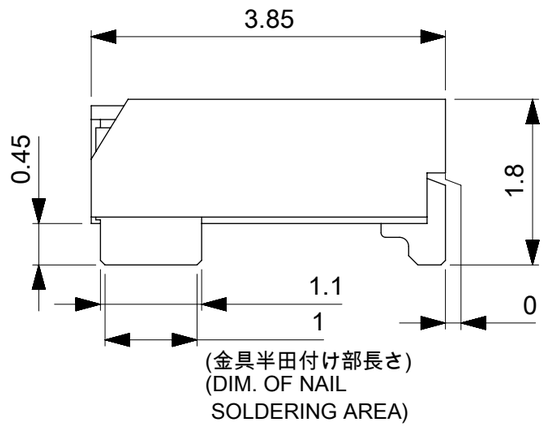


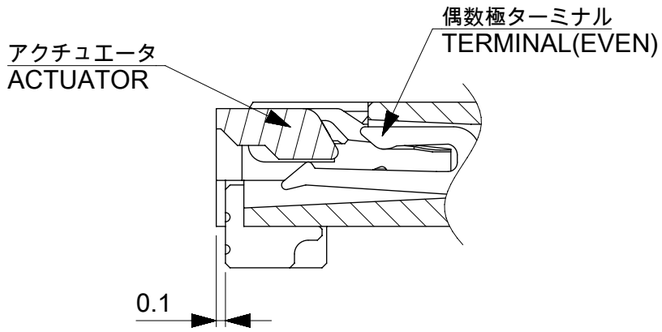




SECTION X-X







SECTION Y-Y

15.6	14.4	15.0	17.4	5019125190	5019125110	51
14.4	13.2	13.8	16.2	5019124790	5019124710	47
13.8	12.6	13.2	15.6	5019124590	5019124510	45
12.6	11.4	12.0	14.4	5019124190	5019124110	41
12.0	10.8	11.4	13.8	5019123990	5019123910	39
11.4	10.2	10.8	13.2	5019123790	5019123710	37
10.8	9.6	10.2	12.6	5019123590	5019123510	35
10.2	9.0	9.6	12.0	5019123390	5019123310	33
8.4	7.2	7.8	10.2	5019122790	5019122710	27
7.8	6.6	7.2	9.6	5019122590	5019122510	25
7.2	6.0	6.6	9.0	5019122390	5019122310	23
6.6	5.4	6.0	8.4	5019122190	5019122110	21
4.8	3.6	4.2	6.6	5019121590	5019121510	15
D	C	B	A	EMBOSSED TAPE PKG / ORDER No.	MATERIAL No.	CIRCUIT

MODEL No. 501912**10

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

RELEASED
EC NO: 101883 2015/11/24
DRWN: SHIRATA 2016/01/05
CHK'D: YNOGAWA 2016/01/05
APPR: YNOGAWA

REV: A

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: 15:1
DRWN BY: SHIRATA DATE: 2015/11/24
CHK'D BY: HIIJIMA DATE:
APPR BY: YNOGAWA DATE: 2016/01/05
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex

0.3 FPC CONN E/O
HSG ASSY (HGT=1.8MM) GOLD PLATING

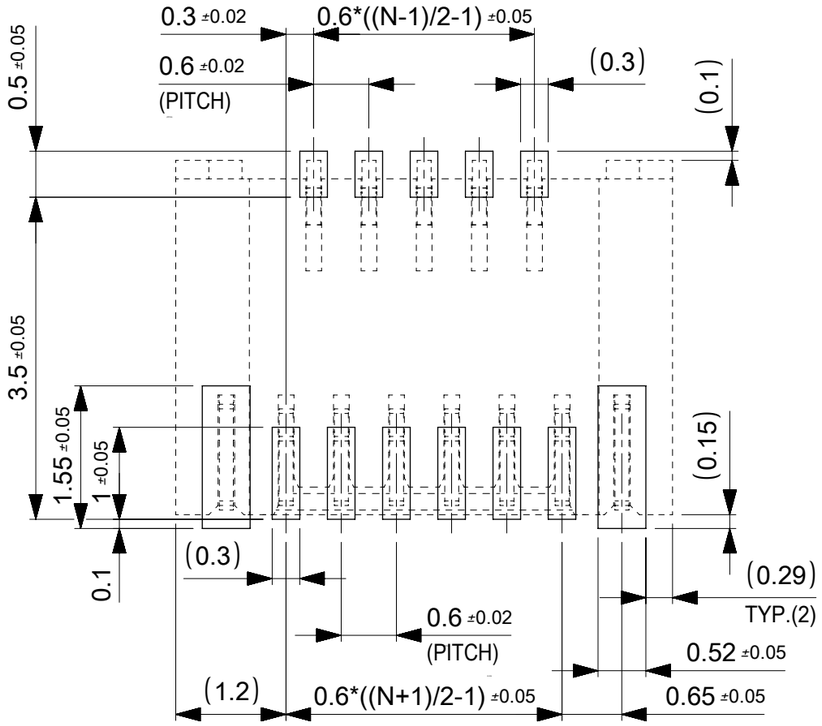
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

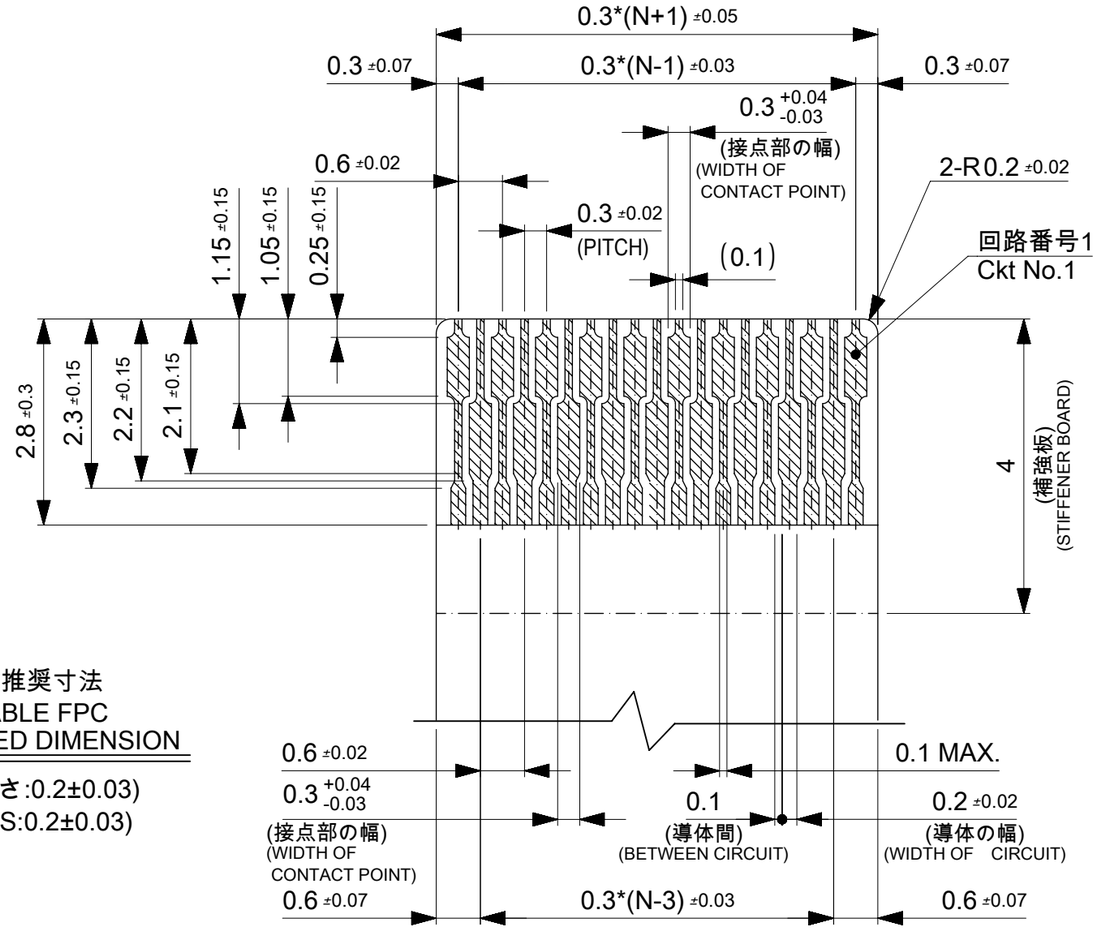
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5019121000	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:52

FORMAT: tb-prod-A3
REVISION: D
DATE: 2015/09/04



参考基板レイアウト図
(マウント面)
(MOUNTING SIDE)



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION

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

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。
導体部については軟銅箔35マイクロメーターまたは50マイクロメーターを推奨致します。
補強フィルム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。

ABOUT FPC
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT.

注記 NOTES

1. 使用材料 MATERIAL
   ハウジング :耐熱性樹脂　ガラス充填 UL94V-0
   HOUSING :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0
   アクチュエータ :耐熱性樹脂　ガラス充填 UL94V-0
   ACTUATOR :HEAT RESISTANCE POLYMER(GLASS FILLED) UL94V-0
   ターミナル :銅合金(t=0.15)、ニッケル下地金メッキ
   TERMINAL :COPPER ALLOY(t=0.15),GOLD OVER NICKEL PLATING.
   金具 :銅合金(t=0.15)、ニッケル下地スズメッキ
   FITTING NAIL :COPPER ALLOY(t=0.15),TIN OVER NICKEL PLATING.
   ハウジングに黒点がある場合がありますが、問題はありません。
2. ソルダーテール半田付け面、及び金具半田付け面の平坦度：0.1mm MAXIMUM.
   COPLANARITY OF SOLDER TAILS AND FITTING NAILS TO BE 0.1mm MAXIMUM.
3. ELV AND RoHS COMPLIANT.

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RELEASED
EC NO: 101883 2015/11/24
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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: A

DIMENSION UNITS: mm
SCALE: 15:1
DRWN BY: SHIRATA DATE: 2015/11/24
CHK'D BY: HIIJIMA DATE:
APPR BY: YNOGAWA DATE: 2016/01/05
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex

0.3 FPC CONN E/O
HSG ASSY (HGT=1.8MM) GOLD PLATING

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
501912	SEE TABLE	

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5019121000	PSD	000	2 OF 2

RELEASE STATUS	P1	RELEASE DATE	2016/01/05 07:59:52

FORMAT: master-lb-prod-A3
REVISION: D
DATE: 2015/08/04

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

1200878703 1451300703 151670248 2153261101 559320830 2183231061 936012539 0150200051
2153482125 2162721083 2174911202 2175202124 0982670423 2138642633 2147561082 2163012123
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