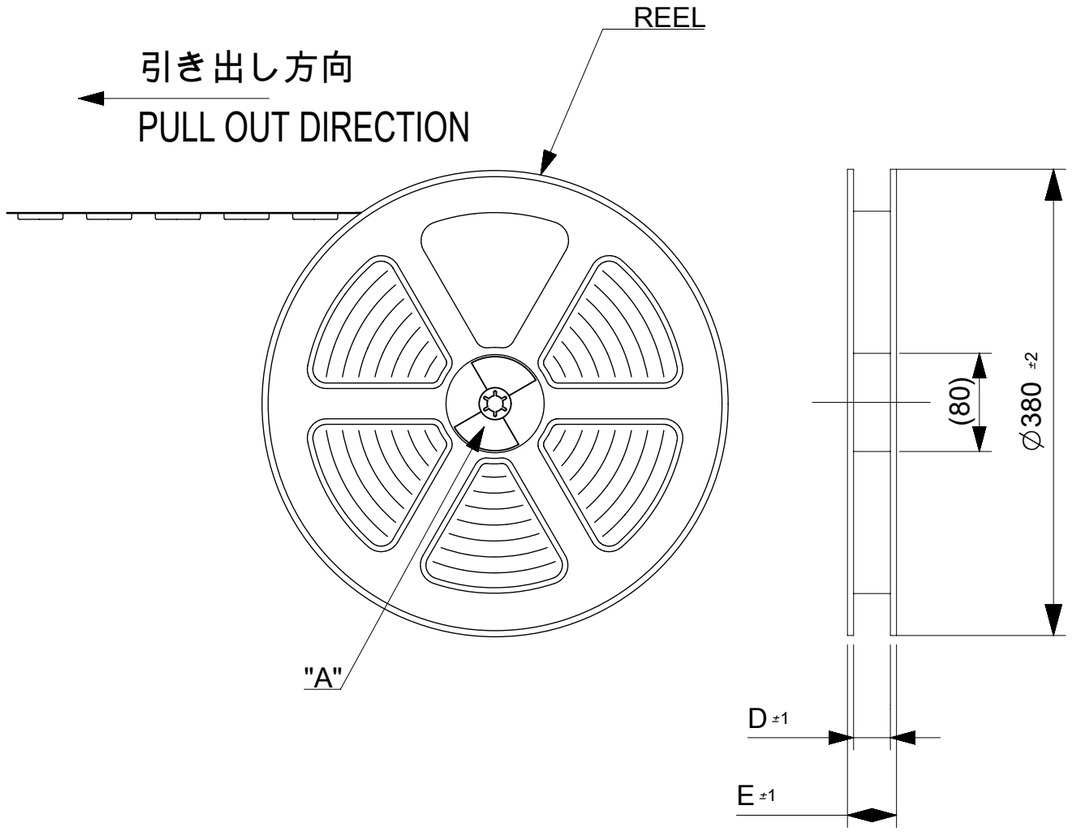
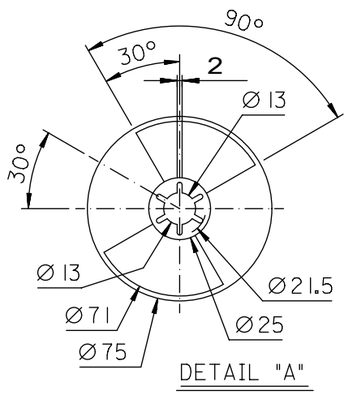
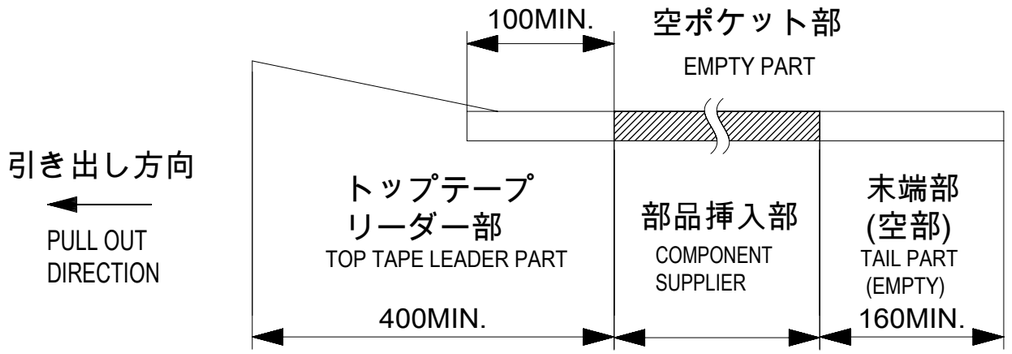




DETAIL "A"
REFERENCE

NOTES

1. 梱包数量： 1200個 / リール
   NUMBER OF CONNECTORS : 1200 PCS/REEL.
2. リードテープ長さ
   LEAD TAPE LENGTH



3. カバーテープの剥離強度については、IEC60286-3に準拠。
   TOP TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.
4. 製品詳細寸法については、図面　2004851100を参照下さい。
   FOR DIMENTIONS OF PRODUCT, REFER TO 2004851100
5. 材料　MATERIAL
   キャリアテープ　：　ポリスチレン
   CARRIER TAPE : POLYSTYRENE
   トップテープ　：　ポリエチレンテレフタレート、ポリエチレン
   TOP TAPE : POLYETHYLENE TEREHTHALATE, POLYETHYLENE
   リール　:ポリスチレン＜リサイクル材を含む＞
   REEL: POLYSTYRENE RECYCLED MATERIAL CONTAINED
6. ELV及びRoHS適合品　ELV AND RoHS COMPLIANT.

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 648126
DRWN: TYAMANE 2020/10/15
CHK'D: YMATSUMOTO 2020/10/30
APPR: SHOSHIKAWA 2020/11/02

INITIAL REVISION:
DRWN: TYAMANE 2018/10/04
APPR: SHOSHIKAWA 2020/06/08

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 200485

molex

EMB PKG ONE-TOUCH ST HT

PRODUCT CUSTOMER DRAWING

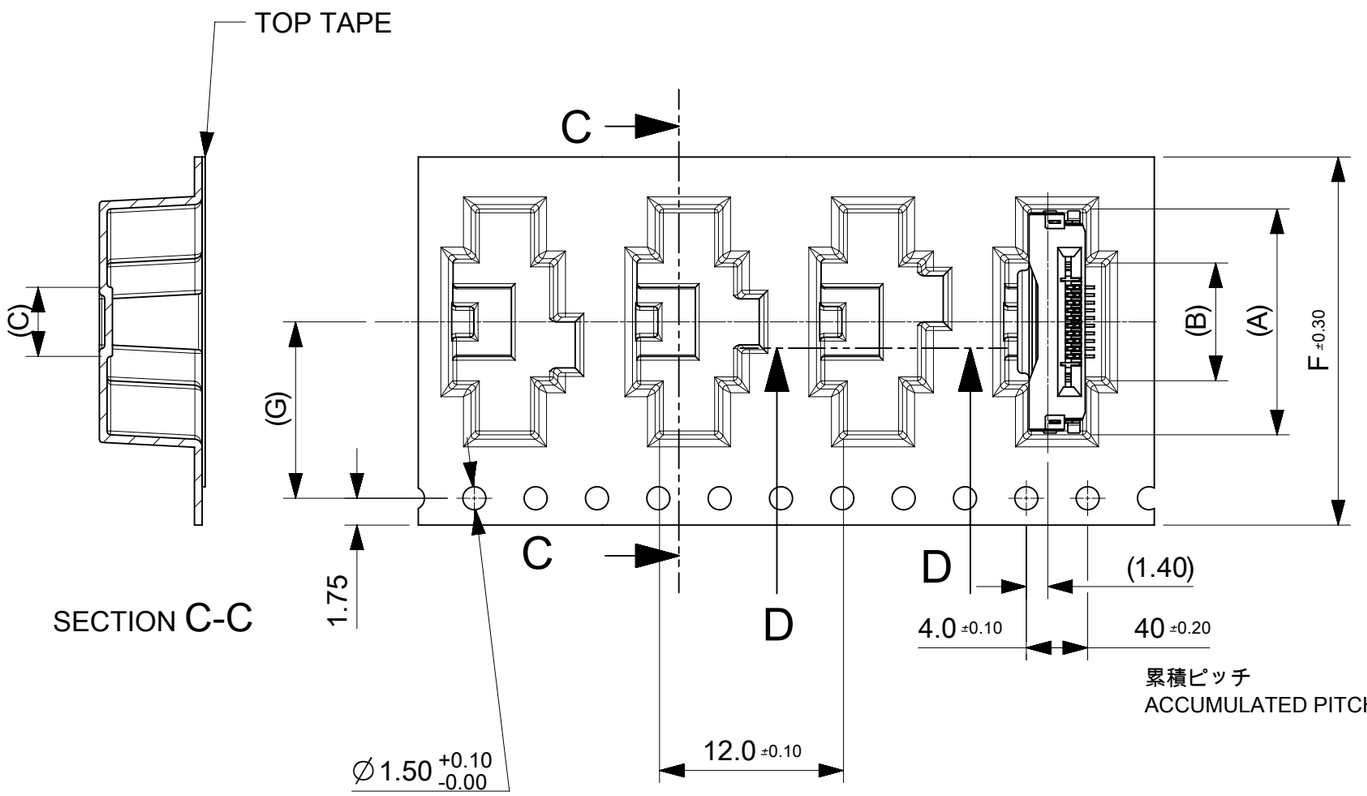
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2004850100	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	1 OF 3

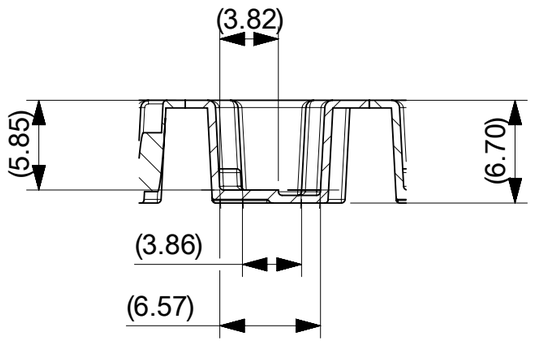
DOCUMENT STATUS	P1	RELEASE DATE	2020/11/02 06:52:14

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

引き出し方向
PULL OUT
DIRECTION



SECTION C-C



SECTION D-D

11.5	24	29.4	25.4	4.5	7.65	14.7	2004850110	10
G	F	E	D	C	B	A	EMBOSSED PACKAGE オーダー番号　ORDER NO.	Ckt

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 648126
DRWN: TYAMANE 2020/10/15
CHK'D: YMATSUMOTO 2020/10/30
APPR: SHOSHIKAWA 2020/11/02

INITIAL REVISION:
DRWN: TYAMANE 2018/10/04
APPR: SHOSHIKAWA 2020/06/08

molex

EMB PKG ONE-TOUCH ST HT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2004850100	PSD	000	B

THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	200485

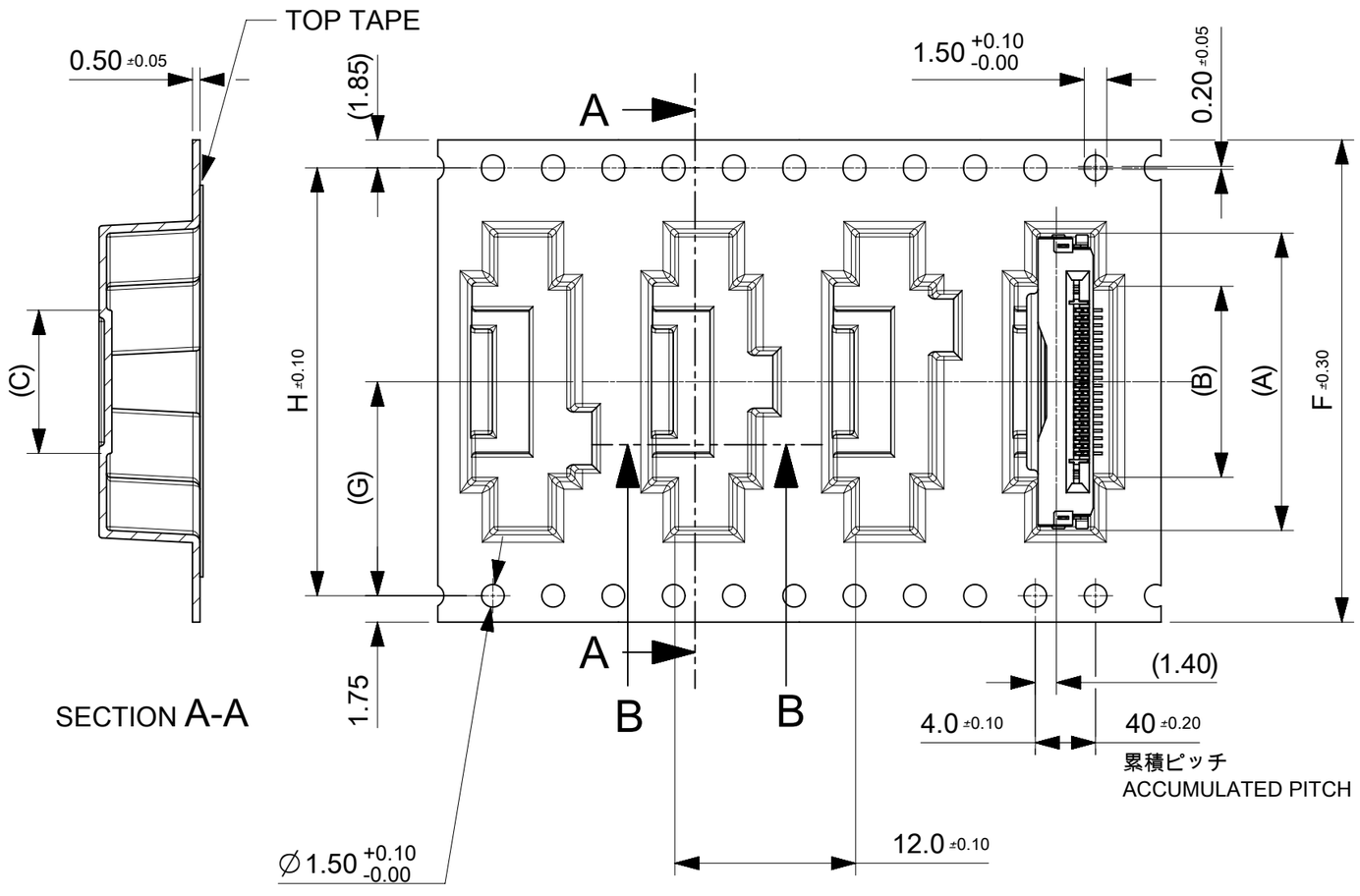
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	2 OF 3

CONNECTOR NO. 20048511**

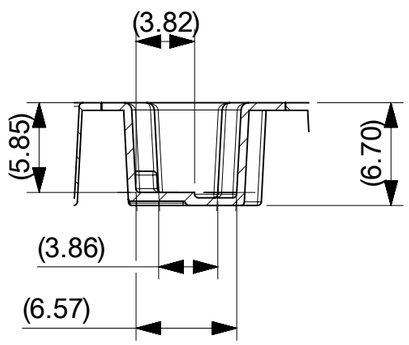
DOCUMENT STATUS	P1	RELEASE DATE	2020/11/02 06:52:14

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

引き出し方向
PULL OUT
DIRECTION



SECTION A-A



SECTION B-B

H	G	F	E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	Ckt
68.4	34.2	72	78.1	73.5	39.5	42.65	49.7	2004850180	80
					34.5	37.65	44.7	2004850170	70
52.4	26.2	56	61.4	75.4	29.5	32.65	39.7	2004850160	60
					25	28.15	35.2	2004850151	51
					24.5	27.65	34.7	2004850150	50
40.4	20.2	44	49.4	45.4	19.5	22.65	29.7	2004850140	40
					17	20.15	27.2	2004850135	35
					14.5	17.65	24.7	2004850130	30
28.4	14.2	32	37.4	33.4	9.5	12.65	19.7	2004850120	20

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 648126
DRWN: TYAMANE 2020/10/15
CHK'D: YMATSUMOTO 2020/10/30
APPR: SHOSHIKAWA 2020/11/02

INITIAL REVISION:
DRWN: TYAMANE 2018/10/04
APPR: SHOSHIKAWA 2020/06/08

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 200485

molex

EMB PKG ONE-TOUCH ST HT

PRODUCT CUSTOMER DRAWING

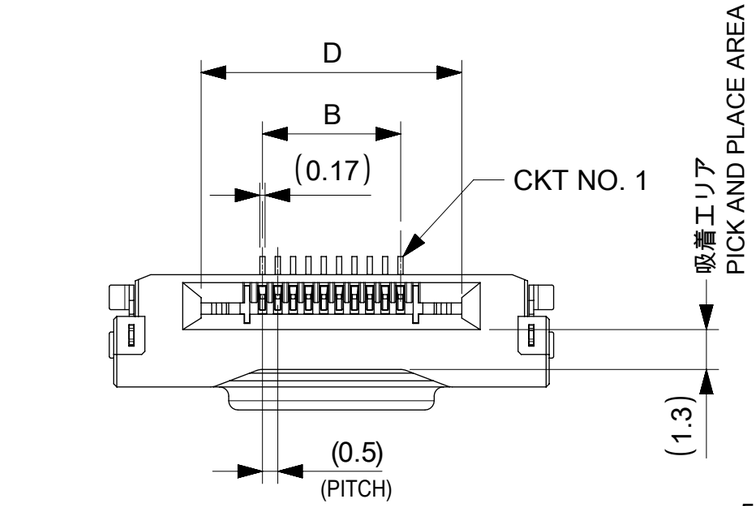
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2004850100	PSD	000	B

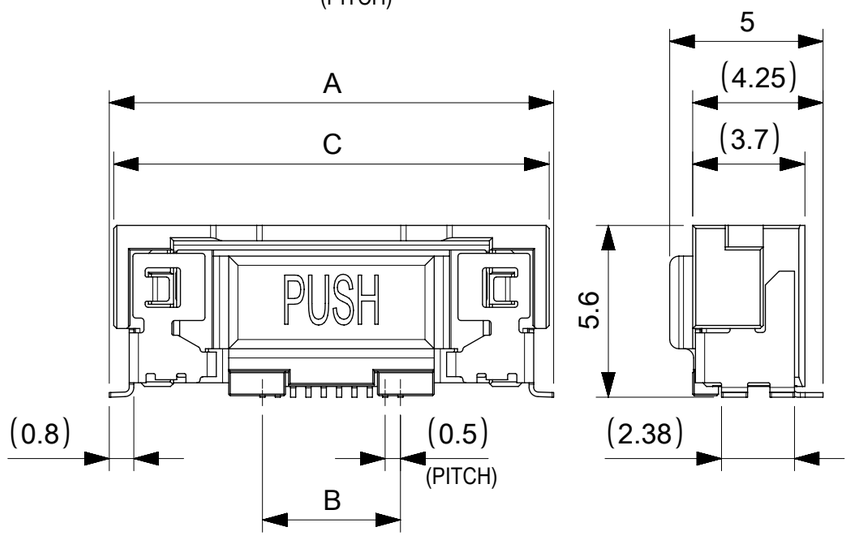
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL	3 OF 3

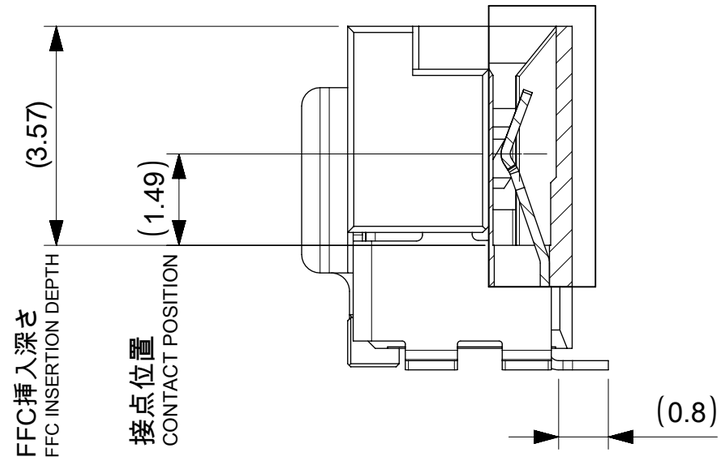
CONNECTOR NO. 20048511**

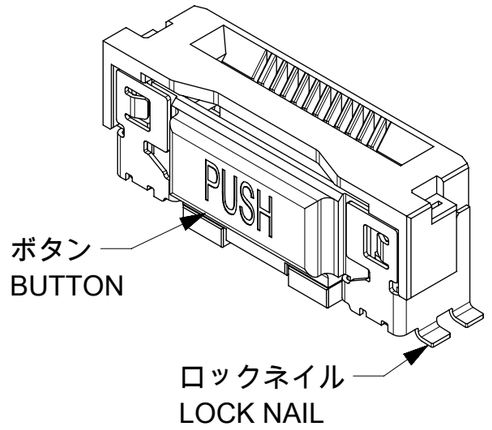
DOCUMENT STATUS	P1	RELEASE DATE	2020/11/02 06:52:14

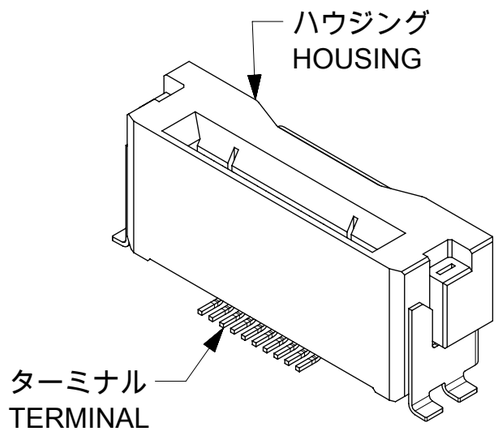
FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14











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 CRYSTAL POLYMER, GLASS FILLED, UL94V-0(BLACK)
ボタン：液晶ポリマー, ガラス充填, UL94V-0(ナチュラル)
BUTTON : LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0(NATURAL)
ターミナル：銅合金(t=0.15)
TERMINAL : COPPER ALLOY
ロックネイル：銅合金(t=0.15)
LOCK NAIL : COPPER ALLOY
2.めっき仕様 PLATING
ターミナル TERMINAL
接点部 ： 金めっき 0.1μm以上
CONTACT AREA : GOLD 0.1 MICROMETER MINIMUM
半田付け部：金めっき
SOLDER TAIL AREA : GOLD
下地めっき：ニッケル 1.0μm以上
UNDERPLATE : NICKEL 1.0 MICROMETER MINIMUM
ロックネイル LOCK NAIL
錫めっき(1.0μm以上)
TIN PLATING (1.0 MICROMETER MIN.)
3.平坦度は0.1ミリ以下とする。
COPLANALITY TO BE 0.1 MAXIMUM.

NET WEIGHT (g)	D	C	B	A	EMBOSSED PACKAGE	CIRCUIT
1.301	43.5	49.2	39.5	49.49	2004850180	80
1.194	38.5	44.2	34.5	44.49	2004850170	70
1.053	33.5	39.2	29.5	39.49	2004850160	60
0.958	29	34.7	25	34.99	2004850151	51
0.942	28.5	34.2	24.5	34.49	2004850150	50
0.796	23.5	29.2	19.5	29.49	2004850140	40
0.702	21	26.7	17	26.99	2004850135	35
0.650	18.5	24.2	14.5	24.49	2004850130	30
0.504	13.5	19.2	9.5	19.49	2004850120	20
0.358	8.5	14.2	4.5	14.49	2004850110	10
CONNECTOR SERIES NO. 20048511**						

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

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 753612
DRWN: RAJAGN 2023/06/15
CHK'D: HSHIMOYAMA 2023/06/16
APPR: YNAITO 2023/06/16

INITIAL REVISION:
DRWN: TYAMANE 2018/09/21
APPR: SHOSHIKAWA 2020/06/08

molex

0.5FFC CONN. ST ONE TOUCH ASS'Y HT

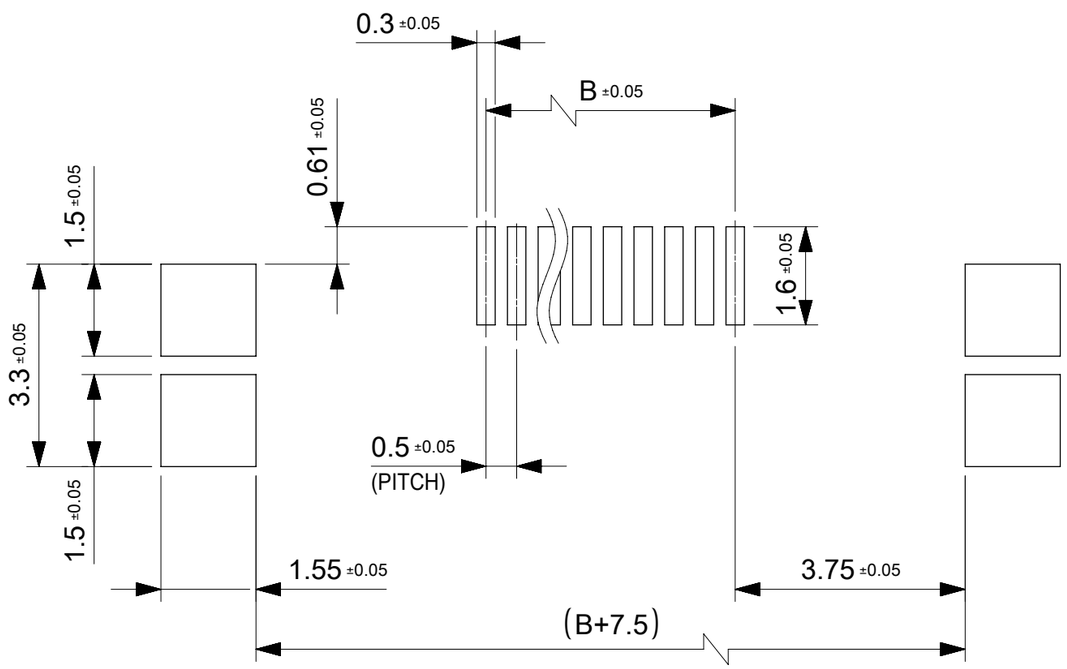
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2004851100	PSD	000	E

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	200485	SEE TABLE	GENERAL	1 OF 2

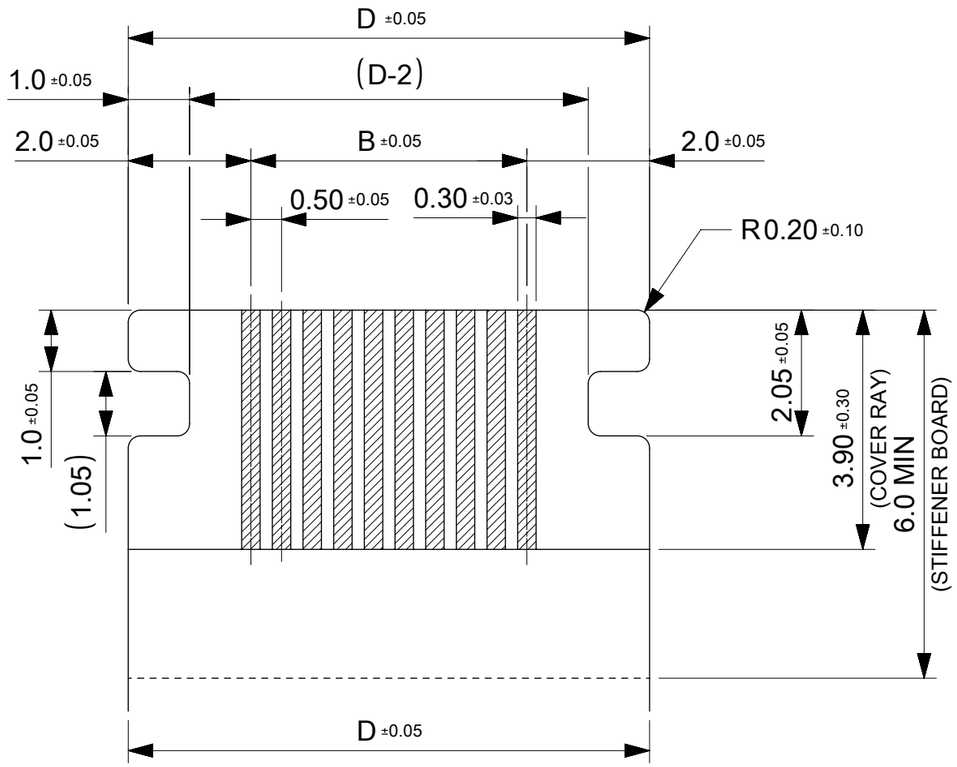
DOCUMENT STATUS	P1	RELEASE DATE	2023/06/16 06:21:50

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



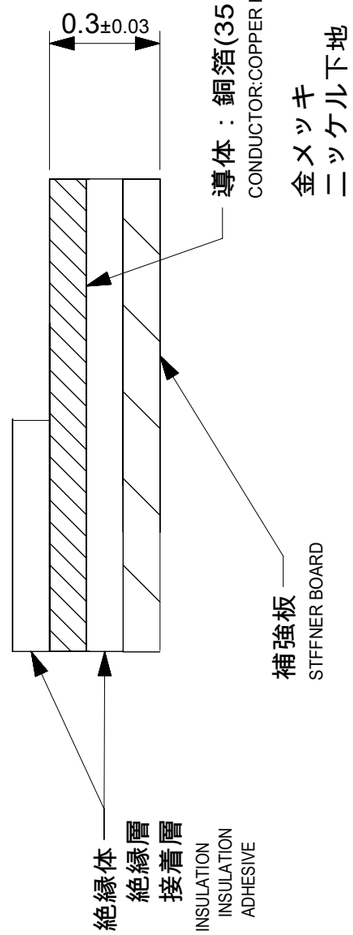
推奨PWB寸法
RECOMMENDED PWB DIMENSION

推奨メタルマスク厚、開口率：t=0.12mm, 80%
RECOMMENDED METAL MASK THICKNESS, APERTURE RATIO：t=0.12mm, 80%
ロックネイル部開口率は100%
APERTURE RATIO FOR LOCK NAIL: 100%



推奨FFC寸法
RECOMMENDED FFC DIMENSION

抜き方向は導体側から補強版側を推奨します
RECOMMENDED PUNCHING DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER SIDE



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DIMENSION UNITS	SCALE
mm	10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	1.0 °
4 PLACES	±	0.1
3 PLACES	±	0.1
2 PLACES	±	0.1
1 PLACE	±	0.1
0 PLACES	±	0.1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 753612
DRWN: RAJAGN 2023/06/15
CHK'D: HSHIMOYAMA 2023/06/16
APPR: YNAITO 2023/06/16

INITIAL REVISION:
DRWN: TYAMANE 2018/09/21
APPR: SHOSHIKAWA 2020/06/08

molex

0.5FFC CONN. ST ONE TOUCH ASS'Y HT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2004851100	PSD	000	E

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	200485	SEE TABLE	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/06/16 06:21:50

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