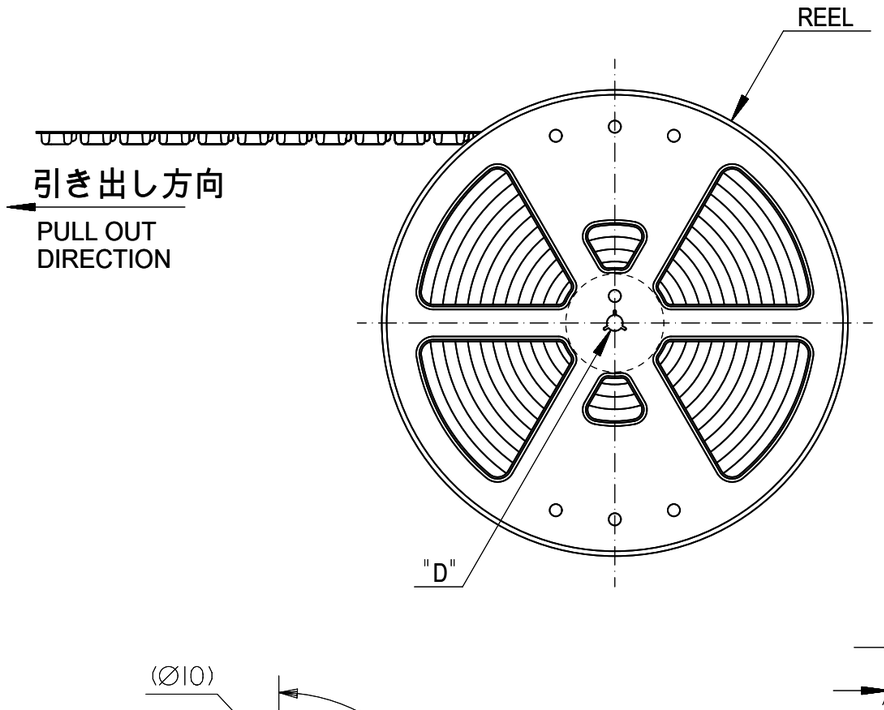
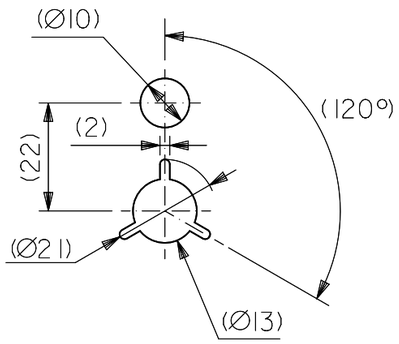
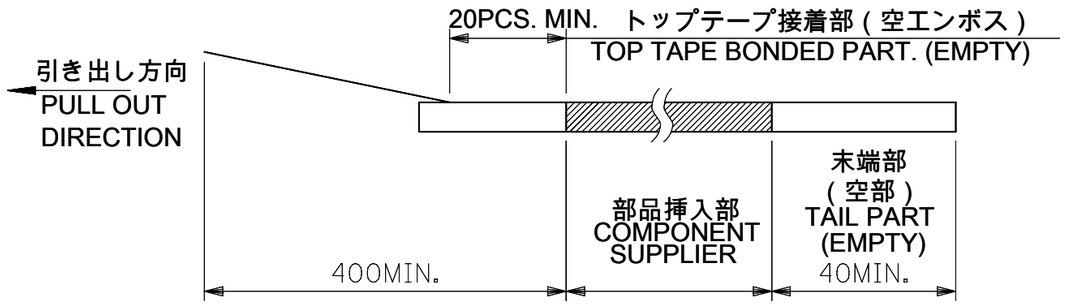




DETAIL "D"

注記 NOTES

1. 製品詳細寸法については製品単体図面を参照下さい。
   SEE PRODUCT DRAWING ABOUT DETAILED DIMENSION.
2. 梱包数量：9000個 / リール
   NUMBER OF CONNECTORS : 9000PCS/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 IEC 60286-3

5. 材料
   MATERIAL
   キャリアテープ:ポリスチレン（ＰＳ）
   CARRIER TAPE:POLYSTYRENE(PS)
   トップテープ:PET,OTHER
   TOP TAPE:PET,OTHER
   リール:ポリスチレン < リサイクル材を含む >
   REEL:POLYSTYRENE(PS) < RECYCLE MATERIAL CONTAINED>

MODEL NO. 503308-**12

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

EC NO: 169127 2017/09/26
DRWN: ESATO 2017/12/06
CHK'D: TNAKAGAWA01 2017/12/06
APPR: MSASAO

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS	mm
SCALE	NTS
DRWN BY	MISOGAYA
DATE	2016/12/14
CHK'D BY	KTAKAHASHI
DATE	2017/01/19
APPR BY	MSASAO
DATE	2017/01/19
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex®

0.4 B-TO-B CONN. HGT=0.7 PLUG ASSY
EMBSTP PKG

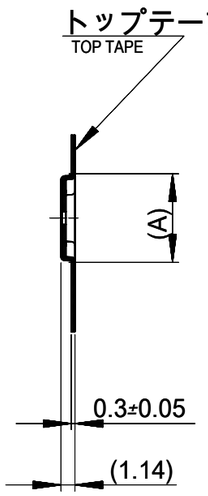
PRODUCT CUSTOMER DRAWING

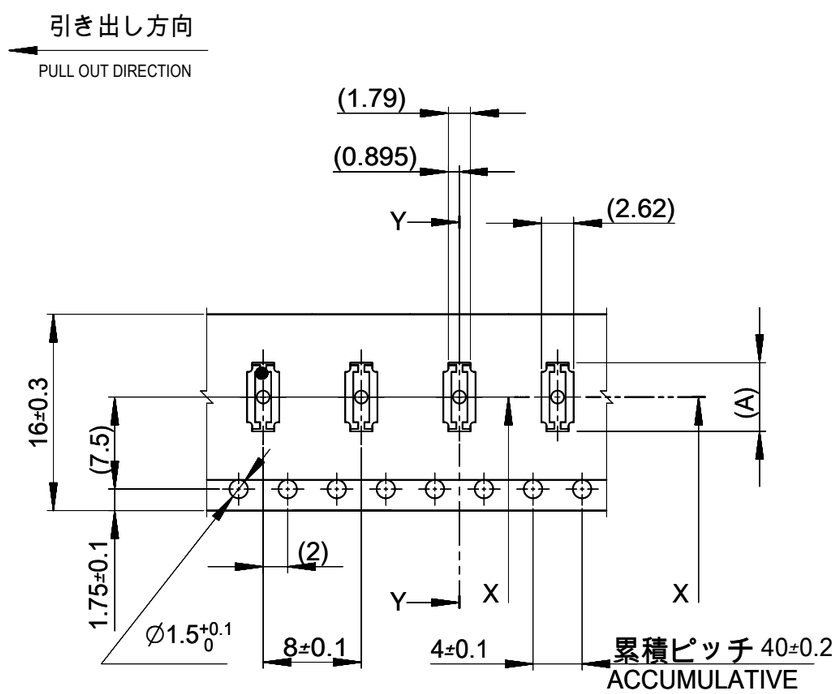
SERIES	MATERIAL NUMBER	CUSTOMER
503308	SEE CHART	GENERAL

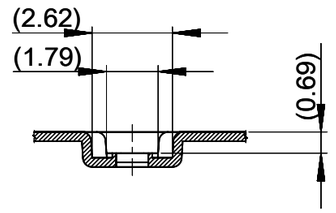
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5033080002	PSD	000	1 OF 3

RELEASE STATUS	P1	RELEASE DATE	06.12.2017 09:31:28

FORMAT: master-lb-prod-A3
REVISION: G
DATE: 2017/02/06







SECTION X-X

SECTION Y-Y

16mm 幅キャリアテープ

16mm WIDTH CARRIER TAPE

16	21.4	17.4	6.79	503308-2612	26
			6.39	503308-2412	24
			5.59	503308-2012	20
			5.19	503308-1812	18
			4.79	503308-1612	16
			3.99	503308-1212	12
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	EMBOSSED PACKAGE	極数 CIRCUIT
				オーダー番号 ORDER No.	
				CONNECTOR SERIES No.503308-**09	

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

EC NO: 169127 2017/09/26
DRWN: ESATO 2017/12/06
CHK'D: TNAKAGAWA01 2017/12/06
APPR: MSASAO

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS: mm
SCALE: NTS
DRWN BY: MISOGAYA DATE: 2016/12/14
CHK'D BY: KTAKAHASHI DATE: 2017/01/19
APPR BY: MSASAO DATE: 2017/01/19
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

0.4 B-TO-B CONN. HGT=0.7 PLUG ASSY
EMBSTP PKG

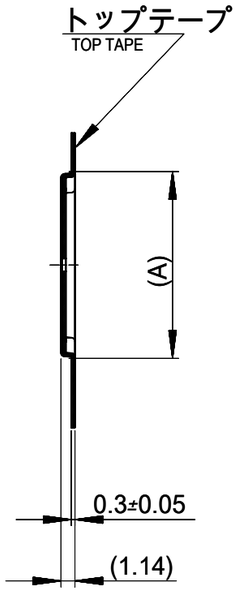
PRODUCT CUSTOMER DRAWING

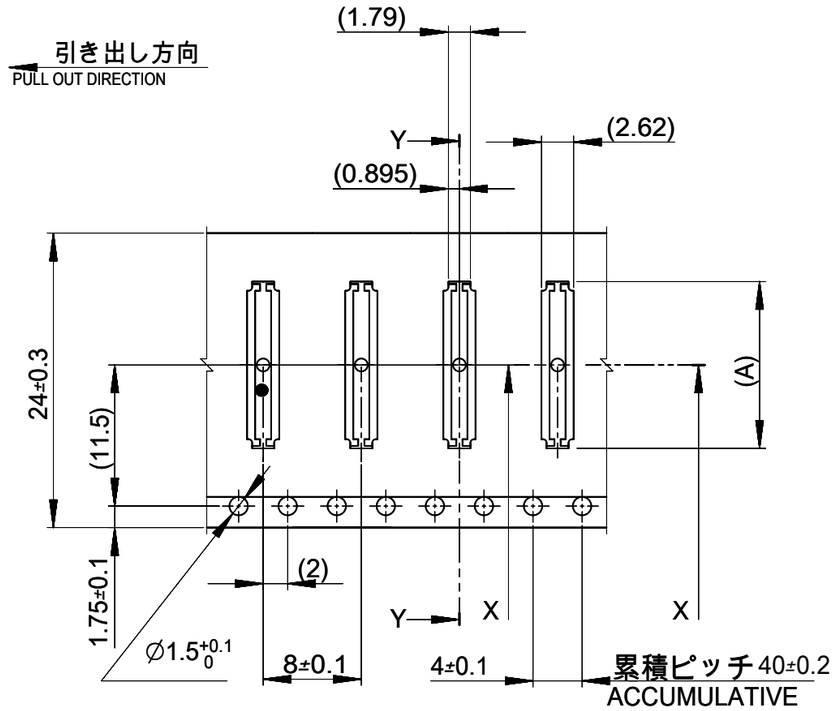
SERIES	MATERIAL NUMBER	CUSTOMER
503308	SEE CHART	GENERAL

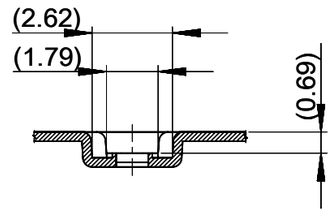
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5033080002	PSD	000	2 OF 3

RELEASE STATUS	P1	RELEASE DATE	06.12.2017 09:31:28

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2017/02/06







SECTION X-X

SECTION Y-Y

24mm 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)	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUIT
24	29.4	25.4	13.59	503308-6012	60
			11.59	503308-5012	50
			10.39	503308-4412	44
			9.99	503308-4212	42
			9.59	503308-4012	40
			7.59	503308-3012	30
				CONNECTOR SERIES No.503308-**09	

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

EC NO: 169127 2017/09/26
DRWN: ESATO 2017/12/06
CHK'D: TNAKAGAWA01 2017/12/06
APPR: MSASAO

REV: B

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
DRWN BY: MISOGAYA DATE: 2016/12/14
CHK'D BY: KTAKAHASHI DATE: 2017/01/19
APPR BY: MSASAO DATE: 2017/01/19
DRAWING SIZE: A3
THIRD ANGLE PROJECTION

molex®

0.4 B-TO-B CONN. HGT=0.7 PLUG ASSY
EMBSTP PKG

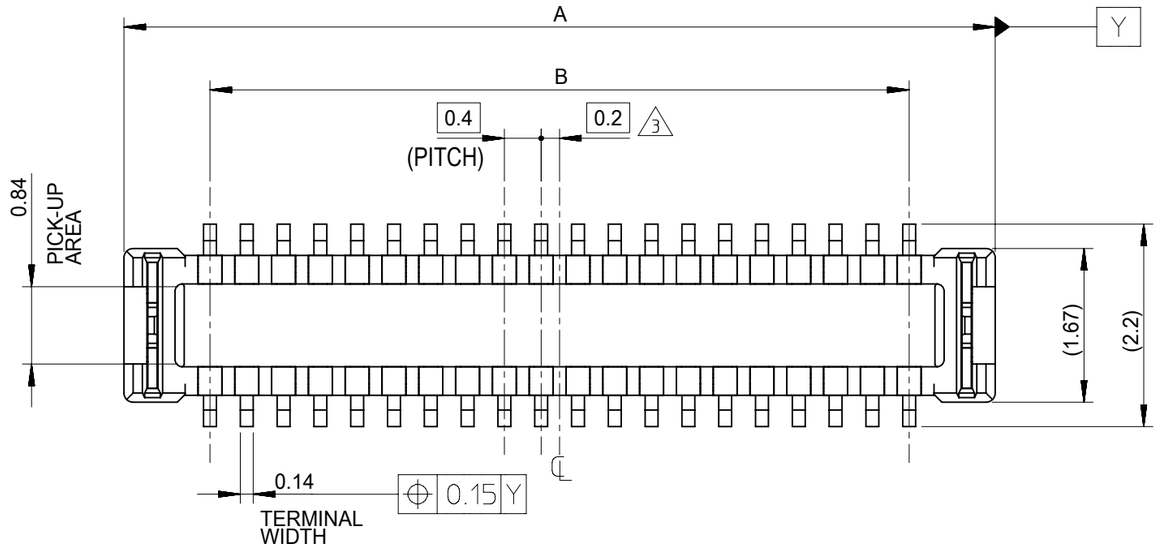
PRODUCT CUSTOMER DRAWING

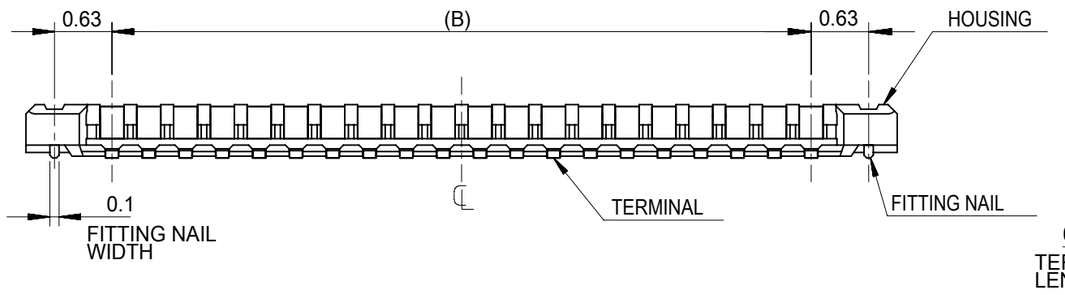
SERIES	MATERIAL NUMBER	CUSTOMER
503308	SEE CHART	GENERAL

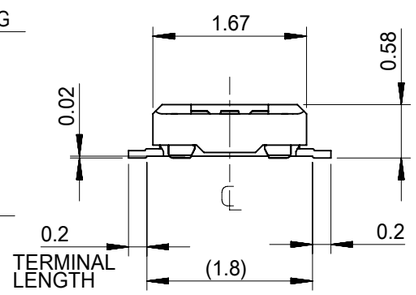
DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5033080002	PSD	000	3 OF 3

RELEASE STATUS	P1	RELEASE DATE	06.12.2017 09:31:28

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2017/02/06







注記　NOTES

1. 使用材料　MATERIAL
   ハウジング　：液晶ポリマー（LCP）UL94V-0（黒）
   HOUSING:LIQUID CRYSTAL POLYMER UL94V-0 (COLOR:BLACK)
   ターミナル　：銅合金
   TERMINAL : COPPER ALLOY
   金具：銅合金
   FITTING NAIL : COPPER ALLOY
2. メッキ仕様 PLATING
   ターミナルTERMINAL
   金メッキ
   GOLD
   下地メッキ：ニッケルメッキ
   UNDER PLATING : NICKEL
   ※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.
   金具 FITTING NAIL
   錫メッキTin PLATING
   下地メッキ：ニッケルメッキ
   UNDER PLATING : NICKEL
3. （全極数 / 2）= 偶数の場合に適用。
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：503304シリーズ
   MATE WITH : 503304 SERIES.
5. テール平坦度は、0.08以下
   テール及び金具の平坦度は、0.1以下
   TAIL COPLANARITY TO BE 0.08MAXIMUM.
   TAIL AND FITTING NAIL COPLANARITY
   TO BE 0.1MAXIMUM.

11.6	13.47	503308-6012	60
9.6	11.47	503308-5012	50
8.4	10.27	503308-4412	44
8.0	9.87	503308-4212	42
7.6	9.47	503308-4012	40
5.6	7.47	503308-3012	30
4.8	6.67	503308-2612	26
4.4	6.27	503308-2412	24
3.6	5.47	503308-2012	20
3.2	5.07	503308-1812	18
2.8	4.67	503308-1612	16
2.0	3.87	503308-1212	12
B	A	EMBOSSED PACKAGE	極数 CIRCUITS
		オーダー番号　ORDER No.	
		CONNECTOR SERIES No. : 503308-**09	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN	

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

EC NO: 122477 2017/09/26
DRWN: ESATO 2017/09/28
CHK'D: KTAKAHASHI 2017/09/28
APPR: NUKITA

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV B

DIMENSION UNITS	mm
SCALE	15:1
DRWN BY	MISOGAYA
DATE	2016/12/14
CHK'D BY	KTAKAHASHI
DATE	2017/01/19
APPR BY	MSASAO
DATE	2017/01/19
DRAWING SIZE	A3
THIRD ANGLE PROJECTION	

molex®

0.4 B-TO-B CONN.HGT=0.7 W=2.6 PLUG ASSY

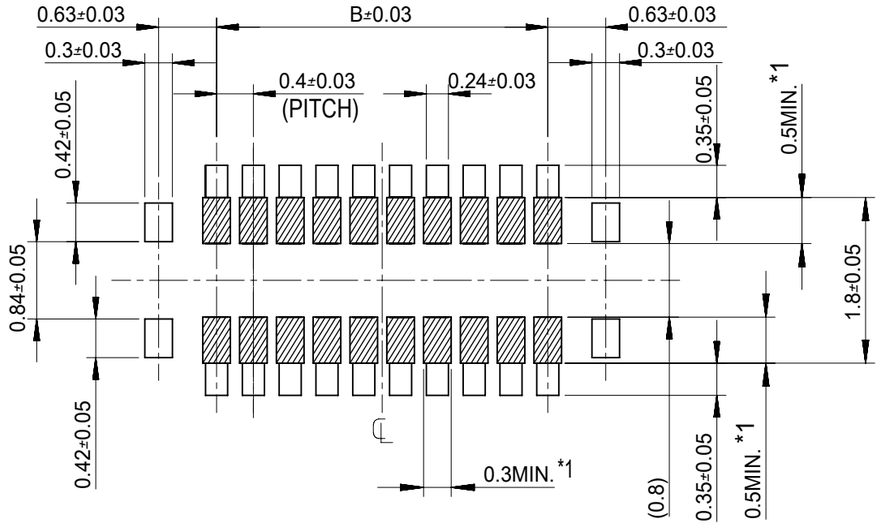
PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
503308	SEE TABLE	GENERAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5033081002	PSD	000	1 OF 2

RELEASE STATUS	P1	RELEASE DATE	28.09.2017 08:08:54

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2017/02/06



*1 パターン引き回し、および半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、この部分に
半田は無きこととする。)

RECOMMENDED P.W. BOARD
PATTERN LAYOUT

*1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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

EC NO: 122477 2017/09/26
DRWN: ESATO 2017/09/28
CHK'D: KTAKAHASHI 2017/09/28
APPR: NUKITA

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REV: B

DIMENSION UNITS	mm
SCALE	15:1
DRWN BY	MISOGAYA
DATE	2016/12/14
CHK'D BY	KTAKAHASHI
DATE	2017/01/19
APPR BY	MSASAO
DATE	2017/01/19
DRAWING SIZE	A3
	THIRD ANGLE PROJECTION

molex®

0.4 B-TO-B CONN.HGT=0.7 W=2.6 PLUG ASSY

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
503308	SEE TABLE	GENERAL

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
5033081002	PSD	000	2 OF 2

RELEASE STATUS	P1	RELEASE DATE	28.09.2017 08:08:54

FORMAT: master-tb-prod-A3
REVISION: G
DATE: 2017/02/06