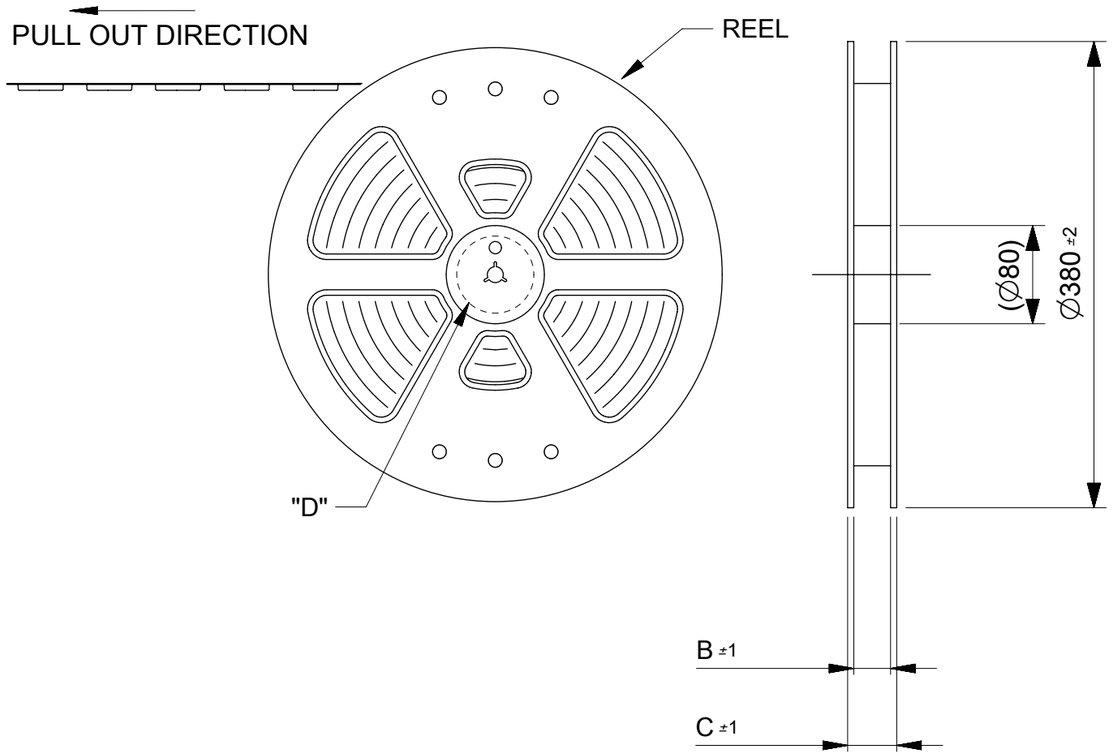
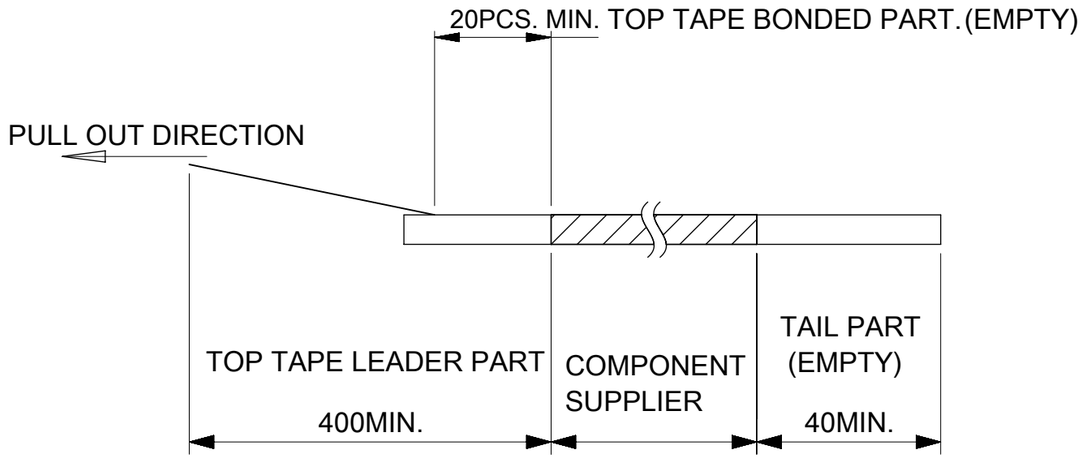


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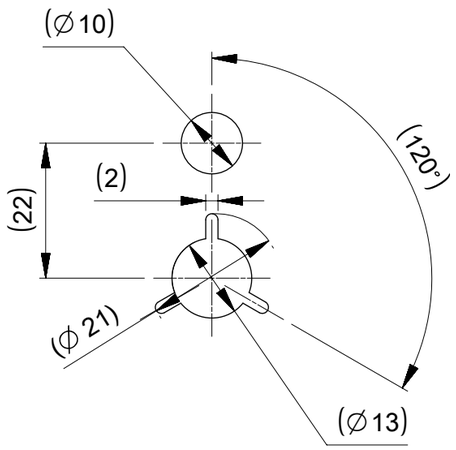
1. RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
2. NUMBER OF CONNECTORS : 8000 PCS/REEL.
3. LEAD TAPE LENGTH.



4. TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3

5. MATERIAL
CARRER TAPE :POLYSTYRENE
TOP TAPE :PET , OTHER
REEL :POLYSTYRENE(PS)(RECYCLE MATERIAL CONTAINED)

△6 ONLY 6 CIRCUIT IS DIFFERENT IN THIS DIMENSION.



DETAIL "D"

MODEL NO. 505070-**42

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

DIMENSION UNITS	SCALE
mm	1:5

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.01
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 612826
DRWN: GSHARMA 2019/02/22
CHK'D: MSASAO 2019/02/27
APPR: MSASAO 2019/02/27

INITIAL REVISION:
DRWN: TNISHIDA02 2017/03/28
APPR: TKUSUHARA01 2017/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505070

molex

0.35 BB CONN. H=0.6 SSB6 RP PLUG ASSY

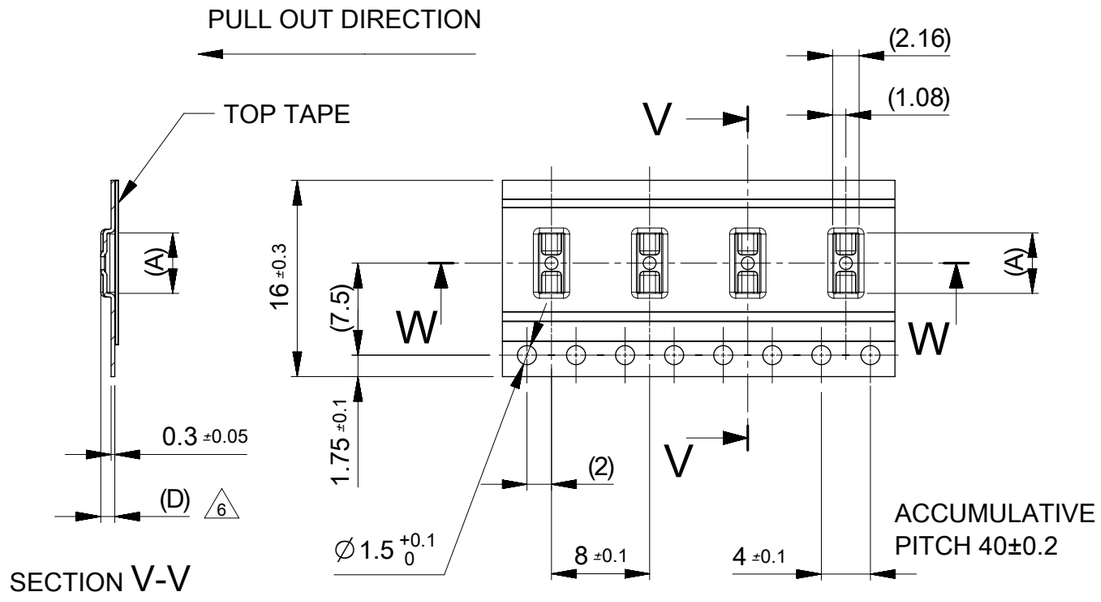
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5050700000	PSD	008	C

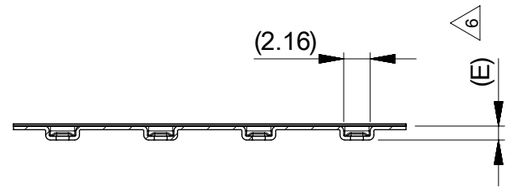
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/27 05:28:37

FORMAT: master Sheet A3
REVISION: H
DATE: 2018/01/16



SECTION V-V



SECTION W-W

キャリアテープ幅 CARRIER TAPE WIDTH	(E)	(D)	C	B	(A)	MATERIAL No.	HIGH VOL. TOOL / SAMPLE PREPARATION	LOW VOL. TOOL	CIRCUIT
16	0.64	1.14	21.4	17.4	6.68	505070-3042	○	---	30
					5.63	505070-2442	○	---	24
					5.28	505070-2242	○	---	22
					4.93	505070-2042	○	---	20
					4.58	505070-1842	---	---	18
					4.23	505070-1642	○	---	16
					3.88	505070-1442	○	---	14
					3.53	505070-1242	○	---	12
					3.18	505070-1042	○	---	10
					2.78	505070-0842	○	---	8
	0.66	1.16			2.43	505070-0642	○	---	6

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	±	1.0 °
4 PLACES	±	0.01
3 PLACES	±	0.03
2 PLACES	±	0.05
1 PLACE	±	0.1
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 612826
DRWN: GSHARMA 2019/02/22
CHK'D: MSASAO 2019/02/27
APPR: MSASAO 2019/02/27

INITIAL REVISION:
DRWN: TNISHIDA02 2017/03/28
APPR: TKUSUHARA01 2017/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505070

molex

0.35 BB CONN. H=0.6 SSB6 RP PLUG ASSY

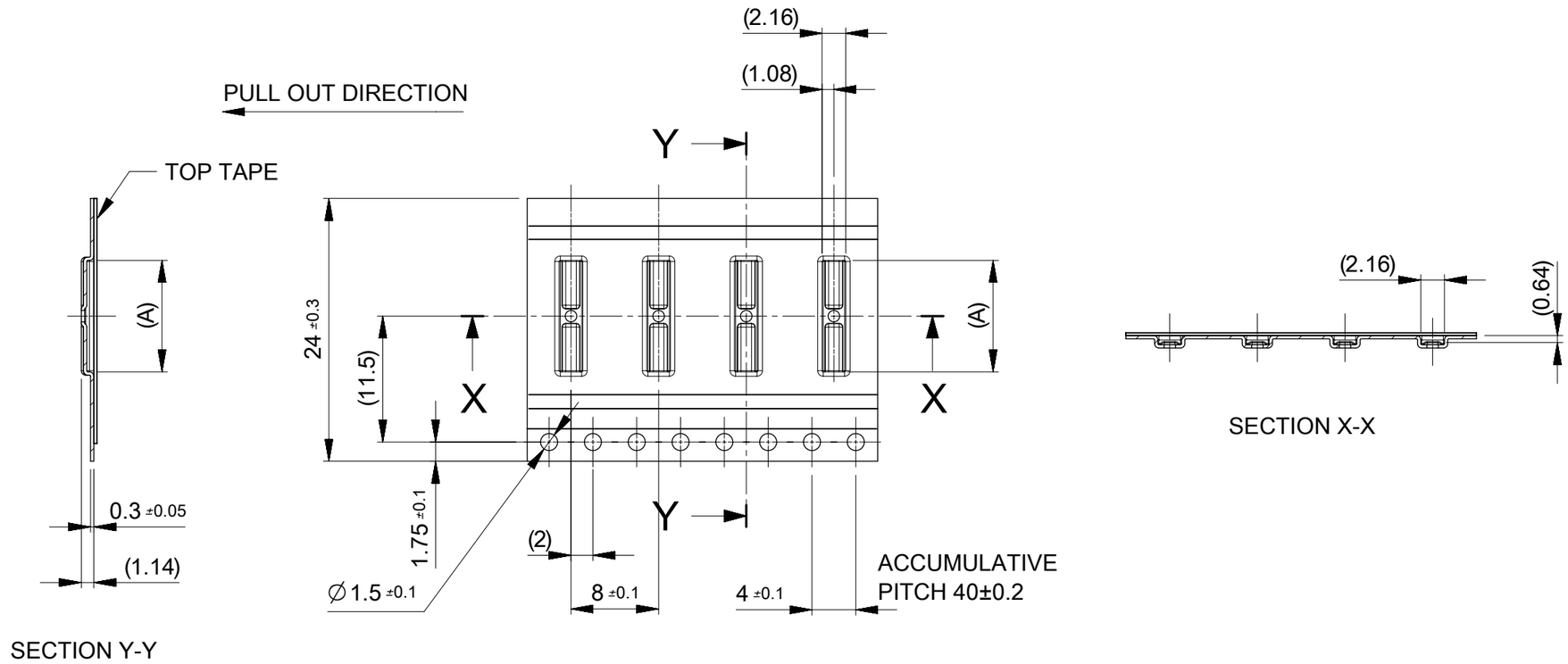
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5050700000	PSD	008	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/27 05:28:37

FORMAT: master_Sheet-A3
REVISION: H
DATE: 2018/01/16



CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	HIGH VOL TOOL	LOW VOL TOOL	CIRCUIT
キャリアテープ幅					SAMPLE PREPARATION		
24	29.4	25.4	12.63	505070-6442	---	---	64
			11.93	505070-6042	---	---	60
			10.88	505070-5442	○	---	54
			10.18	505070-5042	○	---	50
			9.83	505070-4842	○	---	48
			9.48	505070-4642	---	---	46
			8.78	505070-4242	○	---	42
			8.43	505070-4042	○	---	40
			7.38	505070-3442	○	---	34
			7.03	505070-3242	---	---	32

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	±	1.0 °
4 PLACES	±	0.01
3 PLACES	±	0.03
2 PLACES	±	0.05
1 PLACE	±	0.1
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 612826
DRWN: GSHARMA 2019/02/22
CHK'D: MSASAO 2019/02/27
APPR: MSASAO 2019/02/27

INITIAL REVISION:
DRWN: TNISHIDA02 2017/03/28
APPR: TKUSUHARA01 2017/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505070

molex

0.35 BB CONN. H=0.6 SSB6 RP PLUG ASSY

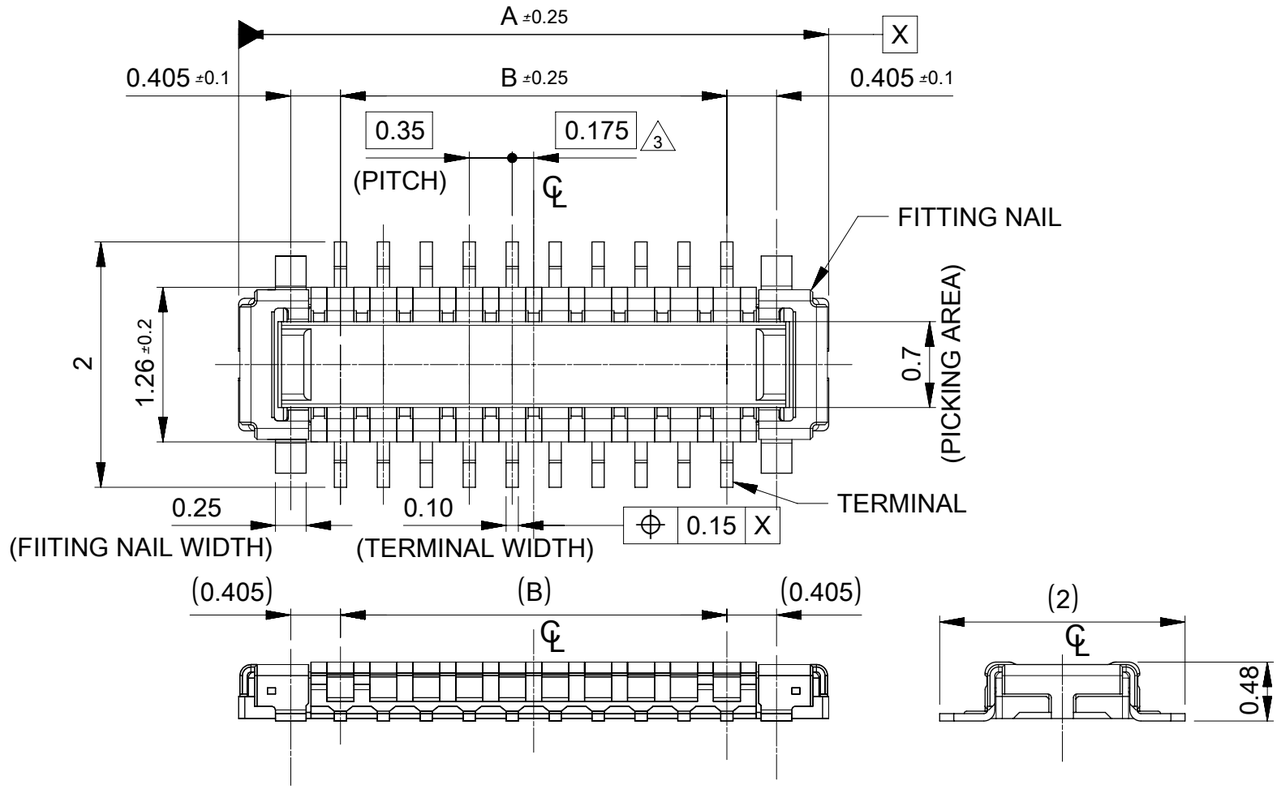
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5050700000	PSD	008	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/27 05:28:37

FORMAT: master_Sheet-A3
REVISION: H
DATE: 2018/01/16



14.76	14.16	11.90	13.56	505070-7042	---	---	70
13.71	13.11	10.85	12.51	505070-6442	---	---	64
13.01	12.41	10.15	11.81	505070-6042	---	---	60
12.66	12.06	9.80	11.46	505070-5842	---	---	58
11.96	11.36	9.10	10.76	505070-5442	○	---	54
11.26	10.66	8.40	10.06	505070-5042	○	---	50
10.91	10.31	8.05	9.71	505070-4842	○	---	48
10.56	9.96	7.70	9.36	505070-4642	---	---	46
9.86	9.26	7.00	8.66	505070-4242	○	---	42
9.51	8.91	6.65	8.31	505070-4042	○	---	40
9.16	8.56	6.30	7.96	505070-3842	---	---	38
8.46	7.86	5.60	7.26	505070-3442	○	---	34
8.11	7.51	5.25	6.91	505070-3242	---	---	32
7.76	7.16	4.90	6.56	505070-3042	○	---	30
7.41	6.81	4.55	6.21	505070-2842	---	---	28
6.71	6.11	3.85	5.51	505070-2442	○	---	24
6.36	5.76	3.50	5.16	505070-2242	○	---	22
6.01	5.41	3.15	4.81	505070-2042	○	---	20
5.66	5.06	2.80	4.46	505070-1842	---	---	18
5.31	4.71	2.45	4.11	505070-1642	○	---	16
4.96	4.36	2.10	3.76	505070-1442	○	---	14
4.61	4.01	1.75	3.41	505070-1242	○	---	12
4.26	3.66	1.40	3.06	505070-1042	○	---	10
3.91	3.31	1.05	2.71	505070-0842	○	---	8
3.56	2.96	0.70	2.36	505070-0642	○	---	6
D	C	B	A	EMBOSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	CIRCUIT
				ORDER NO.	SAMPLE PREPARATION ○ : TOOLED △ : WORK IN PROCESS ---:TOOLING TO BE CONFIRMED		

CONNECTOR SERIES NO. : 505070-**39

1 MATERIAL
WAFER:LIQUID CRYSTAL POLYMER UL94V-0(COLOR :BLACK)
TERMINAL:COPPER ALLOY
FITTING NAIL : COPPER ALOY

2 PLATING
TERMINAL :
CONTACT AREA: SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM).
SOLDER TAIL AREA: SEPARATED GOLD PLATING.
UNDERPLATE: NICKEL OVERALL.
*DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
AND THE TAIL PART BY THE NICKEL PLATING.
FITTING NAIL :
CONTACT AREA: SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM).
SOLDER TAIL AREA: SEPARATED GOLD PLATING.
UNDERPLATE: NICKEL OVERALL.
*DIVIDE INTO PARTS THE GOLD PALATING OF THE CONTACT
AND THE TAIL PART BY THE NICKEL PLATING.
*EVEN THOUGH GOLD PLATING ON THE TOP SURFACE OF NAIL
MIGHT BE THIN, NO FUNCTIONAL PROBLEM.

△3 APPLY FOR (CIRCUIT/2)=EVEN.

4 MATE WITH : 505066**22 (H=0.6) , 505270**12 (H=0.7)

5 TAIL AND FITTING NAIL COPLANARITY TO BE 0.08MAXIMUM.

△6 PROHIITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILMTO KEEP SOLDER OUT).

△7 THIS DIMENSION SHOWS THE DIMENSION BETWEEN SOLDERING SURFACE OF SOLDER TAILS.

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DIMENSION UNITS	mm
SCALE	20:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.01
3 PLACES	± 0.03
2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REVISED

EC NO: 646121
DRWN: YSEKI01 2019/09/19
CHK'D: STERUKI 2020/09/28
APPR: YNAITO 2020/09/28

INITIAL REVISION:
DRWN: TNISHIDA02 2017/03/28
APPR: TKUSUHARA01 2017/04/03

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 505070

molex

0.35 BB CONN. SSB6 RP PLUG ASSY

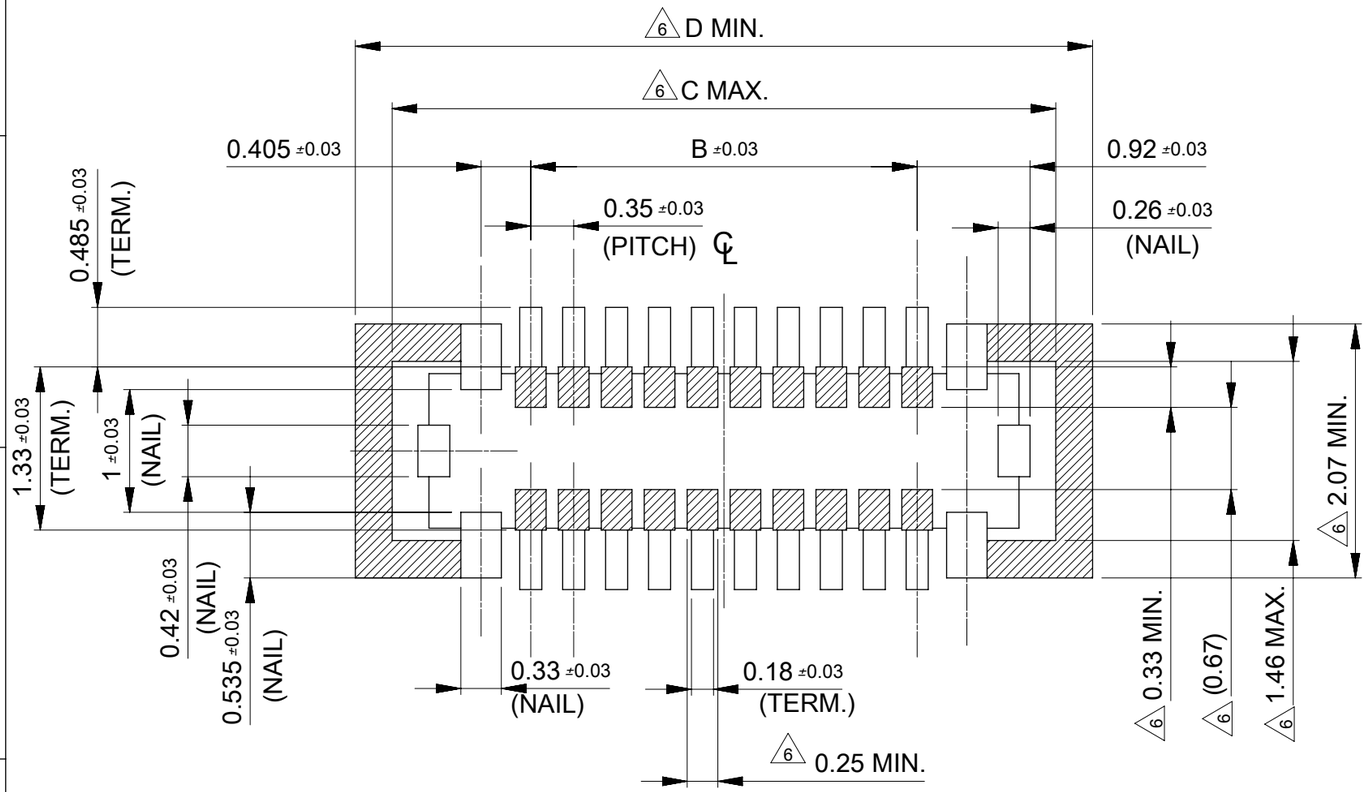
PRODUCT CUSTOMER DRAWING

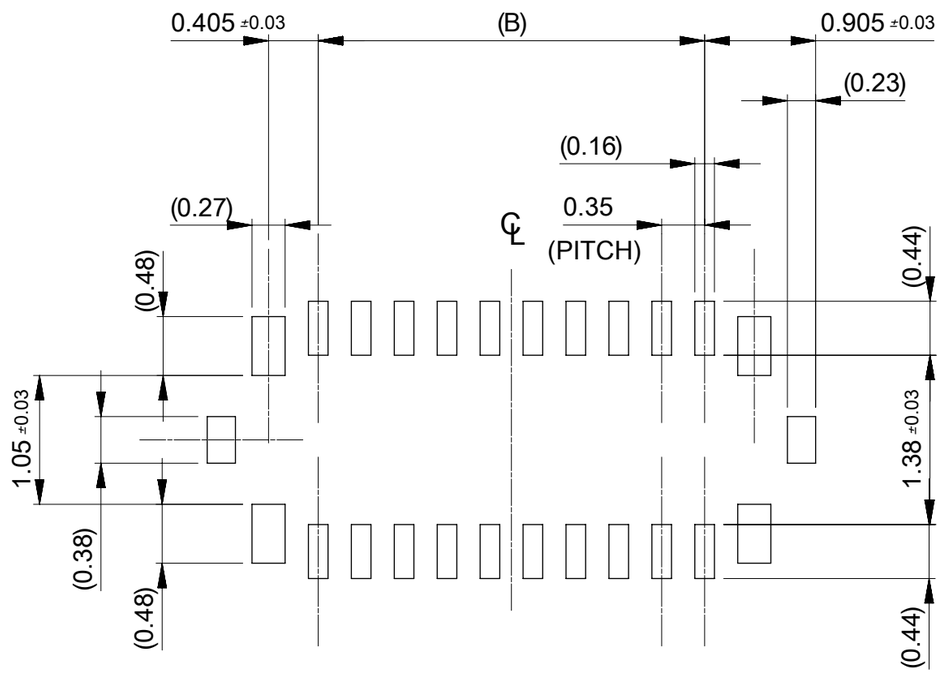
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5050701000	PSD	020	D

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/28 12:00:55

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



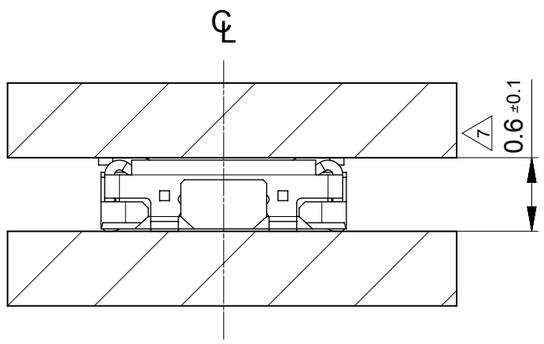


RECOMENDED P.W.BOARD PATTERN LAYOUT(REFFRENCE)

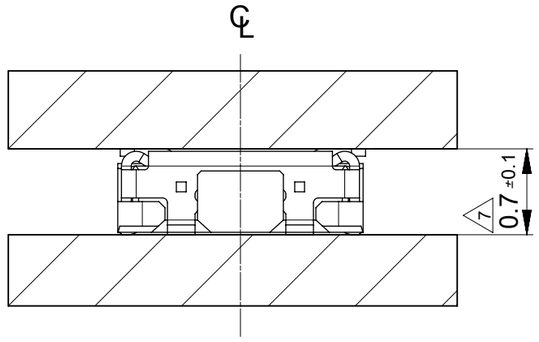
6 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

RECOMENDED METAL MASK LAYOUT(REFFRENCE)

RECOMMENDED THICKNESS OF METAL MASK : t=0.08MM
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 80%



MATED CONDITION (505066/505070)



MATED CONDITION (505270/505070)

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DIMENSION UNITS	mm
SCALE	20:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 1.0 °
4 PLACES	± 0.01
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2 PLACES	± 0.05
1 PLACE	± 0.1
0 PLACES	± 0.2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: REVISED

EC NO: 646121
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CHK'D: STERUKI 2020/09/28
APPR: YNAITO 2020/09/28

INITIAL REVISION:
DRWN: TNISHIDA02 2017/03/28
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THIRD ANGLE PROJECTION	DRAWING	SERIES
	A3-SIZE	505070

molex

0.35 BB CONN. SSB6 RP PLUG ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
5050701000	PSD	020	D

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/28 12:00:55

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