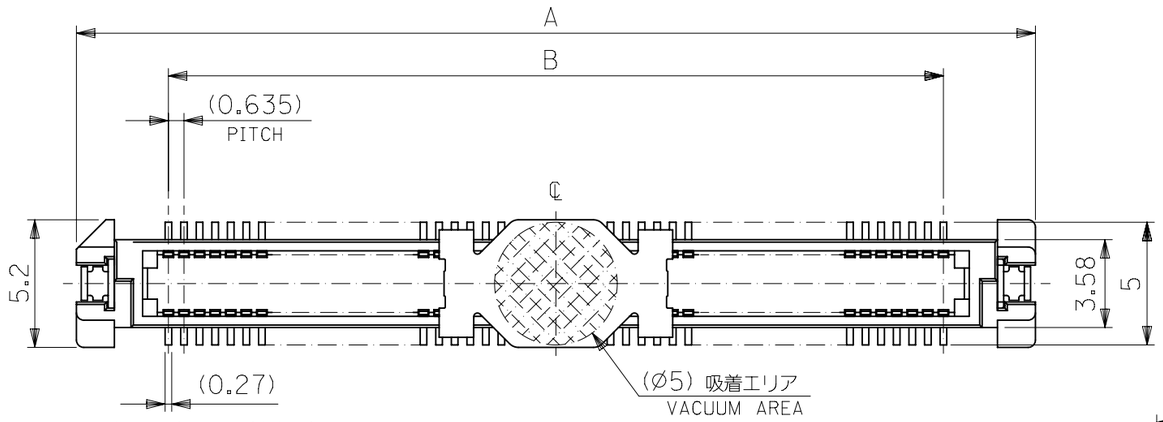
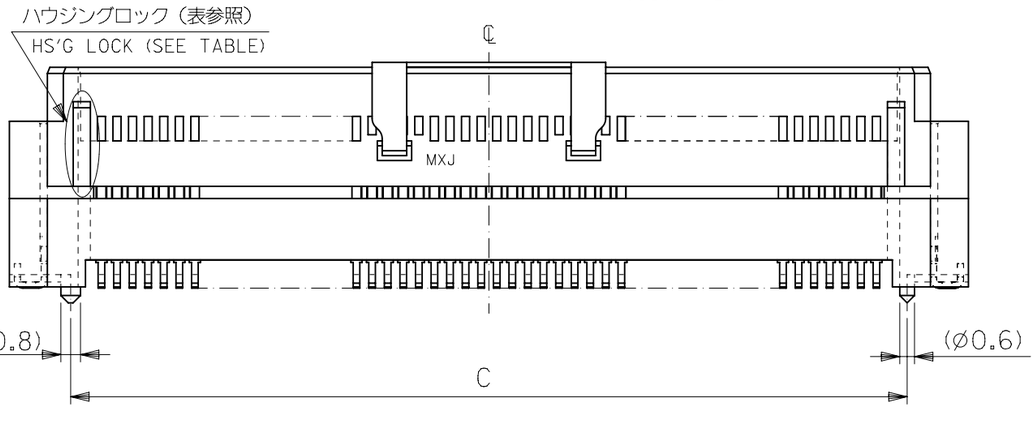
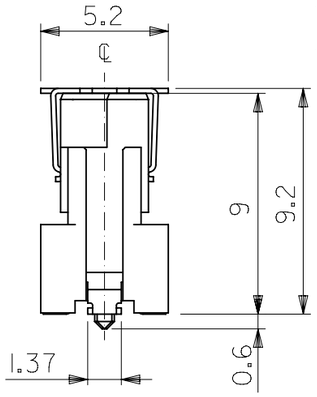
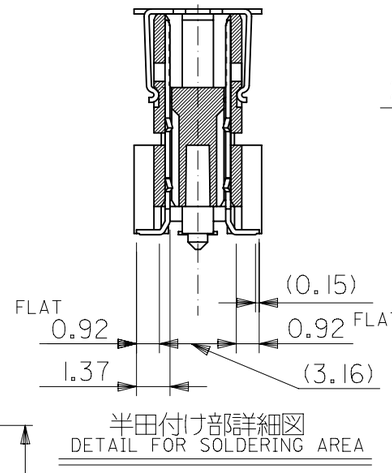
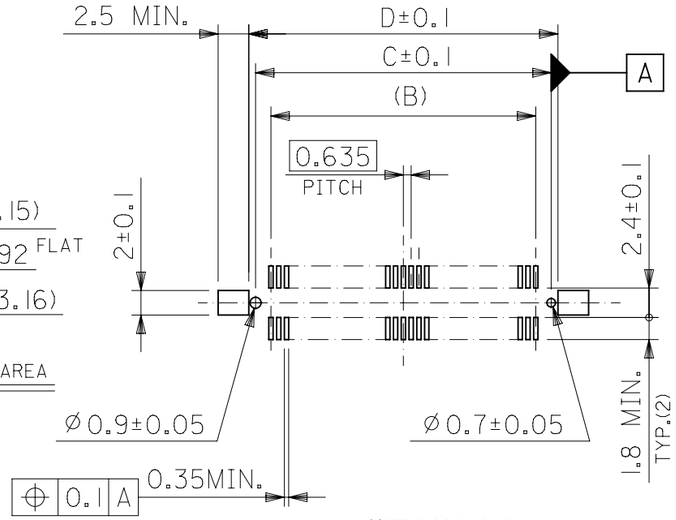








半田付け部詳細図
DETAIL FOR SOLDERING AREA



推奨基板寸法
RECOMMENDED PCB PATTERN LAYOUT
(SCALE:2-1)

NOTES
1. 材質
MATERIAL
ハウジング：ガラス入りＰＰＳ、茶色、ＵＬ９４Ｖ－０
HOUSING:POLYPHENYLENE SULFIDE,GLASS FILLED,BROWN,UL94V-0
ターミナル：銅合金 （ｔ＝0.2）、ニッケルメッキ下地１。５マイクロメートル以上
TERMINAL:COPPER ALLOY, UNDER-PLATING:NICKEL 1.5 MICROMETER MIN.
接点部 ：金メッキ ０。２５マイクロメートル以上
CONTACT AREA:GOLD 0.25 MICROMETER MIN.
半田付け部 ：錫メッキ１。０マイクロメートル以上
SOLDER TAIL AREA:TIN 1.0 MICROMETER MIN.
ネール ：リン青銅（ｔ＝0.2）、ニッケルメッキ下地１。０マイクロメートル以上
NAIL:PHOSPHOR BRONZE, UNDER-PLATING:NICKEL 1.0 MICROMETER MIN.
錫メッキ１。０マイクロメートル以上
TIN 1.0 MICROMETER MIN.
吸着カバー：ステンレス （ｔ＝ 0.2 ）
VACUUM COVER:STAINLESS STEEL

2. テールのバラツキ寸法
TAIL COPLANARITY
テール平坦度は、０。１ミリ以下とする。
TAILS COPLANARITY TO BE 0.1 MILLIMETER MAX.

無し WITHOUT	66.47	65.37	62.865	70.37	53627-2074	-	200
	60.12	59.02	56.515	64.02	53627-1874	-	180
	53.77	52.67	50.165	57.67	53627-1674	53627-1675	160
	47.42	46.32	43.815	51.32	53627-1474	-	140
	41.07	39.97	37.465	44.97	53627-1274	-	120
	34.72	33.62	31.115	38.62	53627-1074	-	100
	31.55	30.45	27.94	35.45	53627-0974	-	90
	28.37	27.27	24.765	32.27	53627-0874	-	80
有り WITH	25.2	24.1	21.59	29.1	53627-0774	-	70
	22.02	20.92	18.415	25.92	53627-0674	-	60
	18.85	17.75	15.24	22.75	53627-0574	-	50
	15.67	14.57	12.065	19.57	53627-0474	-	40
	12.5	11.4	8.89	16.4	53627-0374	-	30
	9.32	8.22	5.715	13.22	53627-0274	-	20
ハウジングロック HSG LOCK	D	C	B	A	エンボス梱包 EMBOSSED PACKAGE / オーダー番号 ORDER NO.	スティック梱包 STICK PACKAGE	極数 CKT

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °

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

DIMENSION UNITS	SCALE
mm	-

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.25
2 PLACES	± 0.3
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 627249
DRWN: JFURUKAWA 2019/11/08
CHK'D: HSHIMOYAMA 2019/11/14
APPR: SHOSHIKAWA 2020/01/13

INITIAL REVISION:
DRWN: YSAKIYAMA 2004/03/15
APPR: MSASAO 2004/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 53627

molex

0.635 PITCH B/B CONN.
PLUG HSG COVER ASSY -LEAD FREE-

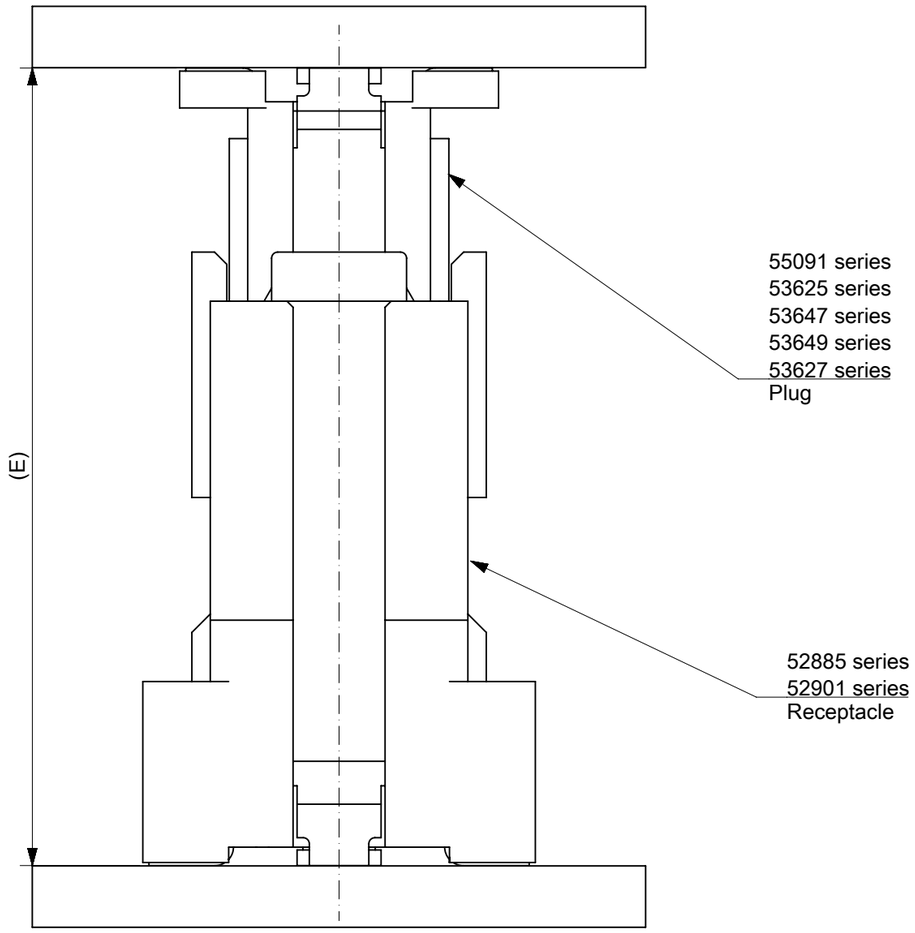
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53627-001	PSD	001	F

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:10:35

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18



嵌合高さ一覧 Stacking Height variation			
	6	52885 series	55091 series
	7		53625 series
	8		53647 series
	9		53649 series
○	10		53627 series
	12	52901 series	55091 series
	13		53625 series
	14		53647 series
	15		53649 series
○	16		53627 series
本図製品該当高さ Height Application	嵌合高さ E Stacking Height	リセプタクル Receptacle	プラグ Plug

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	± 0.2
10 OVER 30 UNDER	± 0.25
30 OVER	± 0.3
ANGULAR	± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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DIMENSION UNITS	SCALE
mm	-

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	30 '
4 PLACES	±	0.2
3 PLACES	±	0.25
2 PLACES	±	0.3
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 627249
DRWN: JFURUKAWA 2019/11/08
CHK'D: HSHIMOYAMA 2019/11/14
APPR: SHOSHIKAWA 2020/01/13

INITIAL REVISION:
DRWN: YSAKIYAMA 2004/03/15
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molex

0.635 PITCH B/B CONN.
PLUG HSG COVER ASSY -LEAD FREE-

PRODUCT CUSTOMER DRAWING

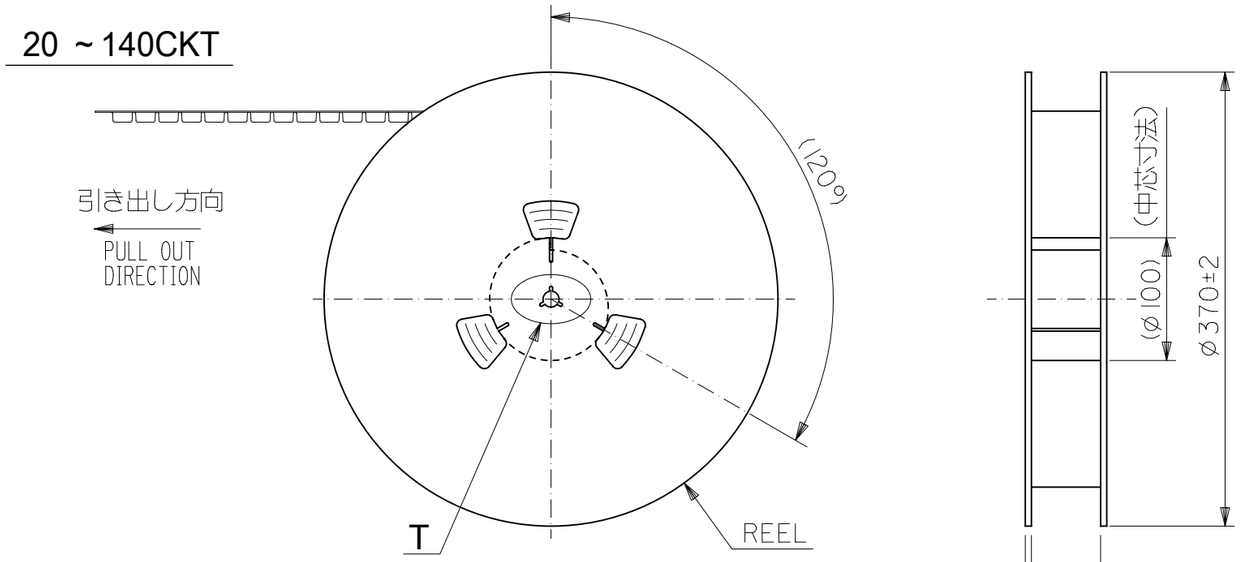
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53627-001	PSD	001	F

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	53627	SEE CHART	GENERAL MARKET	2 OF 2

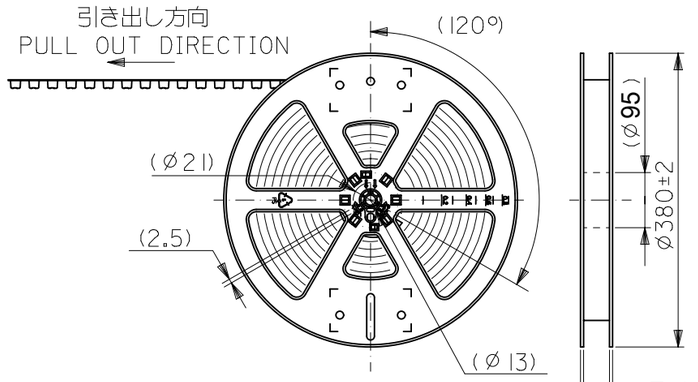
DOCUMENT STATUS	P1	RELEASE DATE	2020/01/13 17:10:35

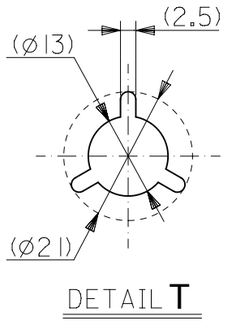
FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18

20 ~140CKT



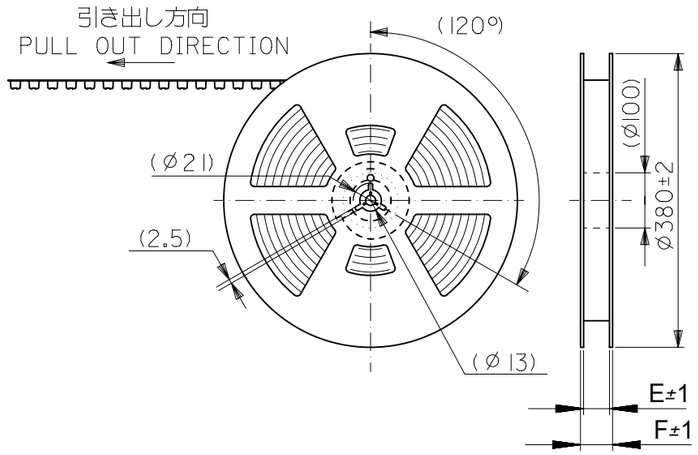
160CKT





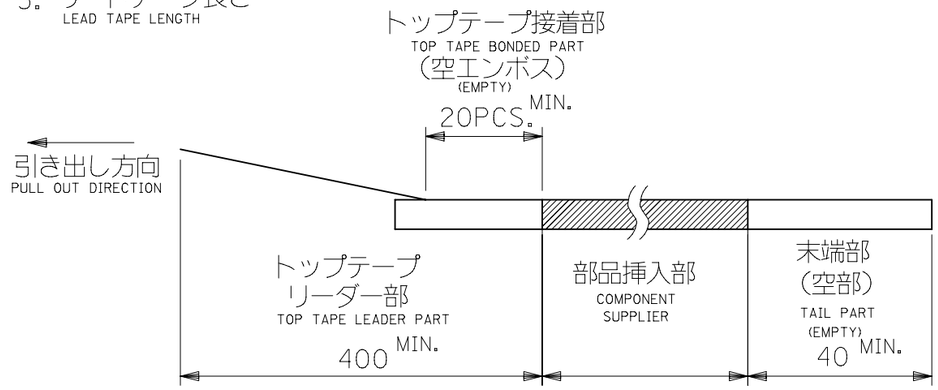
DETAIL T

180, 200CKT



NOTES

1. 製品番号 53627-**72 の詳細寸法については SD-53627-001 を参照下さい。
IN THE PACKAGE , PART NO. 53627-**72 DETAILED DIMENSIONS , SEE SD-53627-001.
2. 梱包数量 ： 700個／リール
NUMBER OF CONNECTORS : 700 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 ：ポリプロピレン（ＰＰ）： 20～140, 200 極
ポリスチレン（ＰＳ）： 160, 180極
CARRIER TAPE : POLYPROPYLENE (PP) : 20～140, 200CKT
POLYSTYRENE (PS) : 160, 180CKT
トップテープ ：ＰＥＴ，ＰＥ，ＰＥＦ
TOP TAPE : PET , PE , PEF
リール ：紙 ：20～140極
ポリスチレン ：160～200極
REEL : CARD BOARD : 20～140, 200CKT
POLYSTYRENE : 160, 180CKT

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DIMENSION UNITS	mm
SCALE	-
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	3.0 °
4 PLACES ±	0.2
3 PLACES ±	0.25
2 PLACES ±	0.3
1 PLACE ±	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 175909
DRWN: RMIYAMOTO 2018/03/16
CHK'D: KSASAKI 2018/05/01
APPR: RTAKEUCHI 2018/05/01

INITIAL REVISION:
DRWN: YSAKIYAMA 2004/03/15
APPR: MSASAO 2004/03/16

molex

EMBSTP PKG FOR 0.635 B/B
PLUG HSG ASSY (H=10) -LEAD FREE-

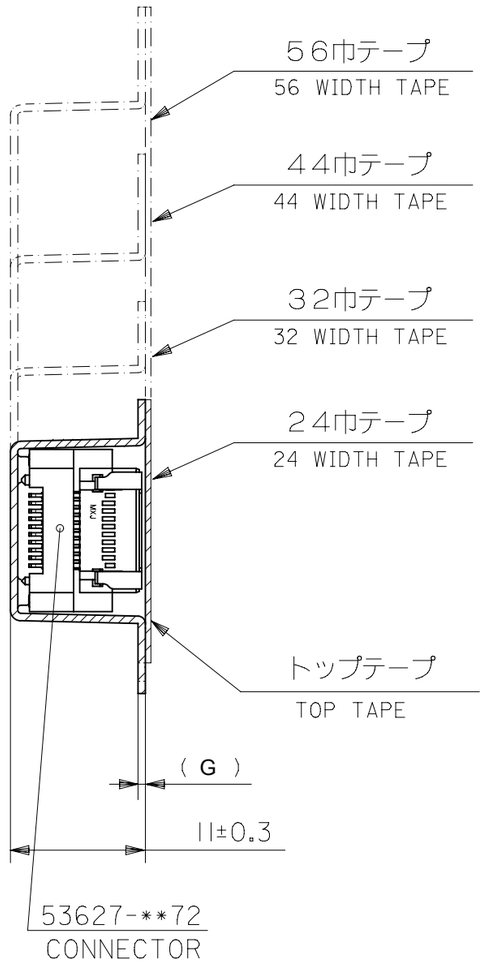
PRODUCT CUSTOMER DRAWING

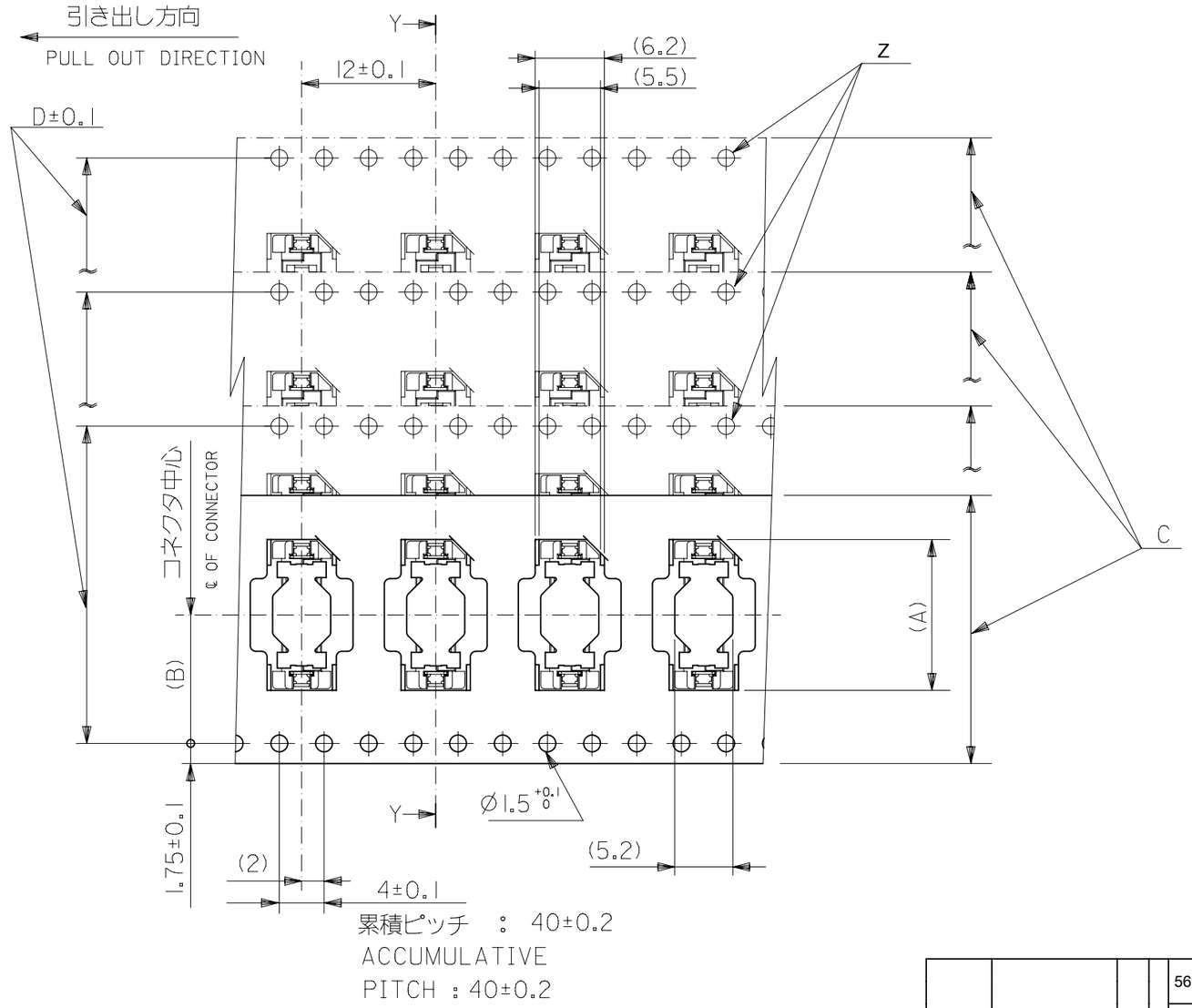
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53627-002	PSD	001	C

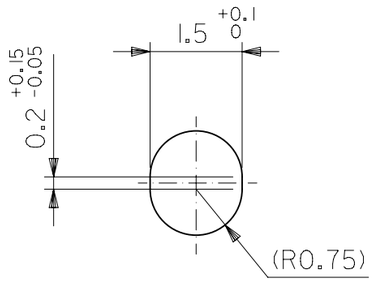
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	53627	SEE CHART	GENERAL MARKET	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/01 09:36:10

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18







Z 部詳細
DETAIL Z

累積ピッチ ： 40±0.2
ACCUMULATIVE
PITCH : 40±0.2

断面 Y－Y
SECTION Y-Y

CARD BOARD	PP	0.6	-	56.4	52.4	56±0.3	26.2	38.9	55091-1074	100
								35.8	55091-0974	90
				44.4	40.4	44±0.3	20.2	32.6	55091-0874	80
								29.4	55091-0774	70
								26.2	55091-0674	60
								23.1	55091-0574	50
				32.4	28.4	32±0.3	14.2	19.9	55091-0474	40
								16.7	55091-0374	30
				24.4	-	24±0.3	11.5	13.5	55091-0274	20
リール REEL	キャリアテープ CARRIER TAPE	G	F	E	D	C キャリアテープ幅 CARRIER TAPE WIDTH	B	A	オーダー番号 ORDER NO.	極数 CKT.NO.

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DIMENSION UNITS	mm
SCALE	-
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	30 °
4 PLACES ±	0.2
3 PLACES ±	0.25
2 PLACES ±	0.3
1 PLACE ±	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 175909
DRWN: RMIYAMOTO 2018/03/16
CHK'D: KSASAKI 2018/05/01
APPR: RTAKEUCHI 2018/05/01

INITIAL REVISION:
DRWN: YSAKIYAMA 2004/03/15
APPR: MSASAO 2004/03/16

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 53627

molex

EMBSTP PKG FOR 0.635 B/B
PLUG HSG ASSY (H=10) -LEAD FREE-

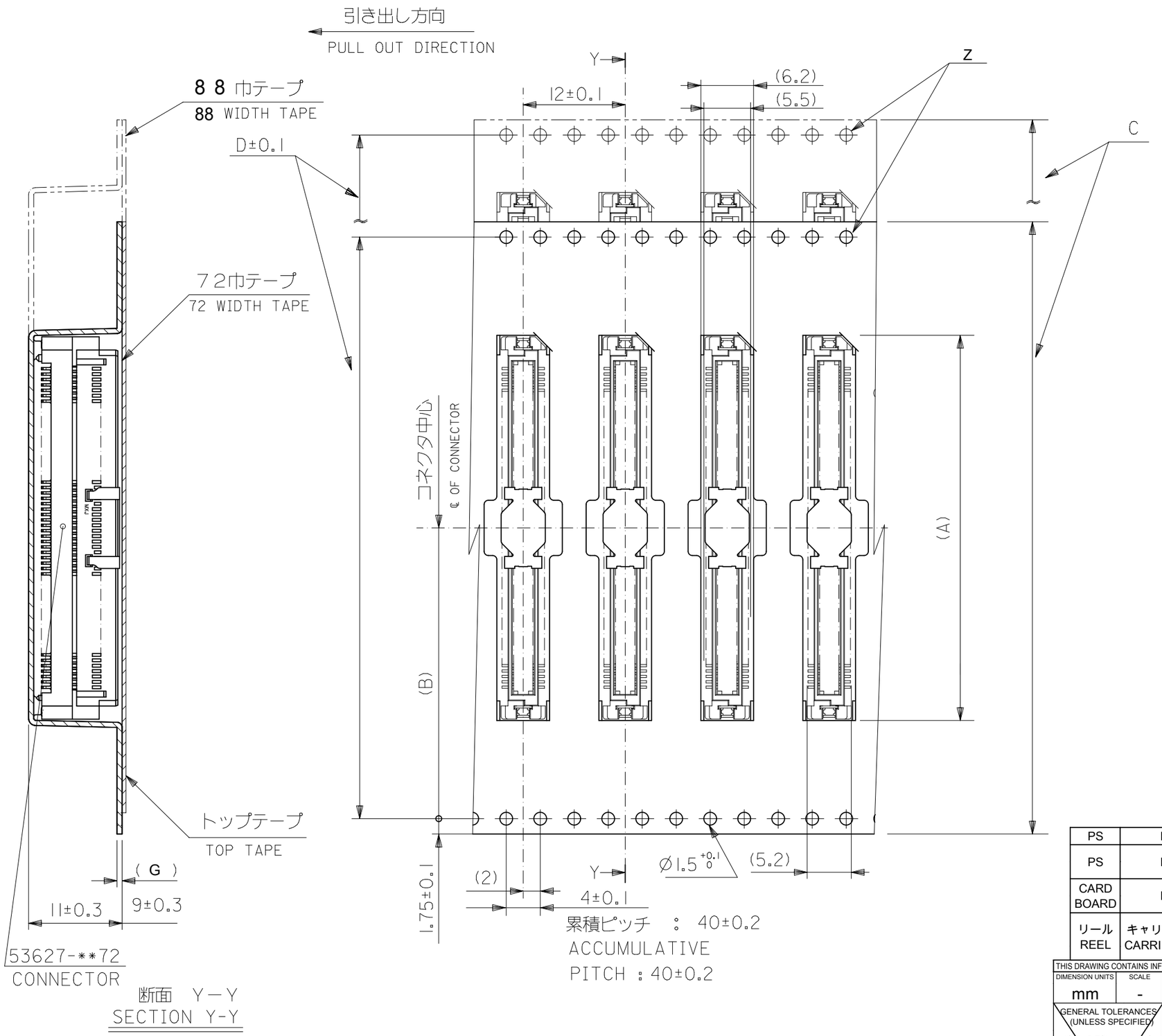
PRODUCT CUSTOMER DRAWING

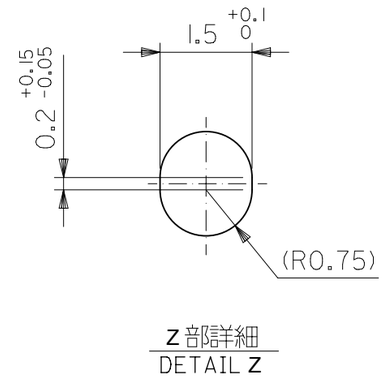
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53627-002	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/01 09:36:10

FORMAT: master-lb-prod-A3
REVISION: H
DATE: 2018/01/18





Z部詳細
DETAIL Z

PS	PP	0.6	94	90	84.4	88±0.3	42.2	70.7	53627-2074	200
								64.4	53627-1874	180
PS	PS	0.5	78.1	73.5	68.4	72±0.3	34.2	58.0	53627-1674	160
CARD BOARD	PP	0.6	-	72.4				51.6	53627-1474	140
								45.3	53627-1274	120
リール REEL	キャリアテープ CARRIER TAPE	G	F	E	D	C キャリアテープ幅 CARRIER TAPE WIDTH	B	A	オーダー番号 ORDER NO.	極数 CKT.NO.

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

DIMENSION UNITS	mm
SCALE	-
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	±0°
4 PLACES ±	0.2
3 PLACES ±	0.25
2 PLACES ±	0.3
1 PLACE ±	
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 175909
DRWN: RMIYAMOTO 2018/03/16
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INITIAL REVISION:
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molex

EMBSTP PKG FOR 0.635 B/B
PLUG HSG ASSY (H=10) -LEAD FREE-

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-53627-002	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	53627	SEE CHART	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/01 09:36:10

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18