



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

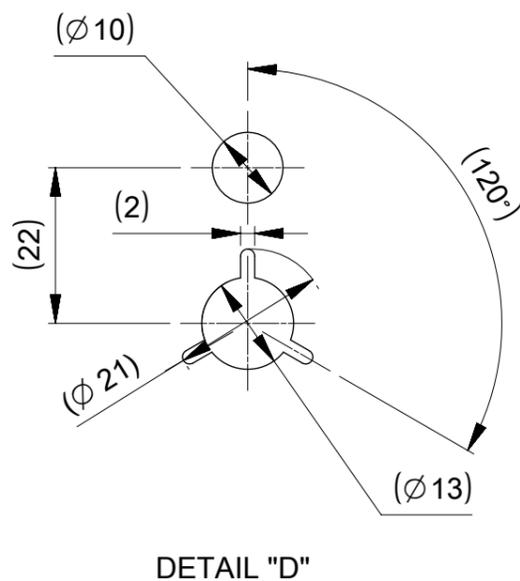
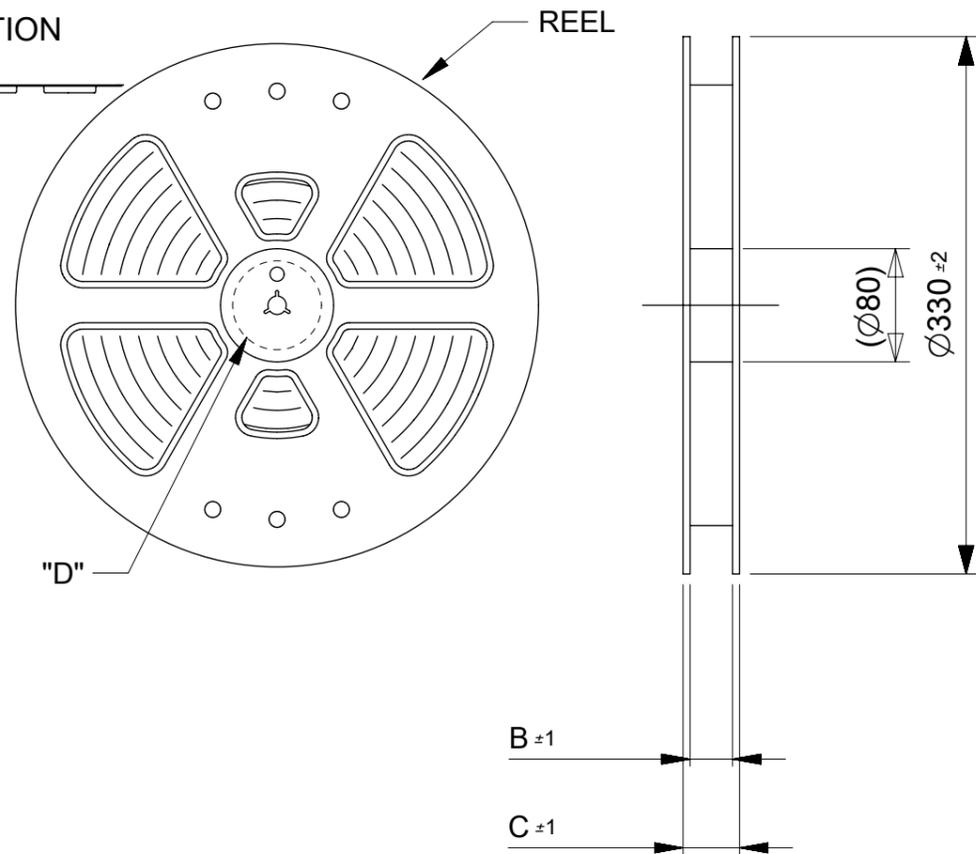
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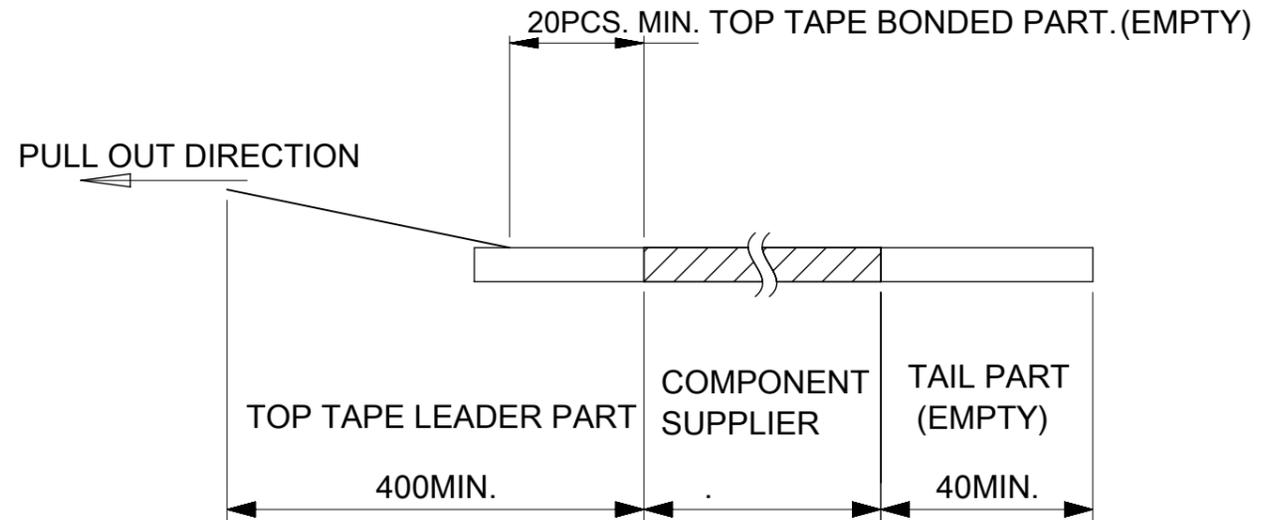
PULL OUT DIRECTION



DETAIL "D"

NOTES

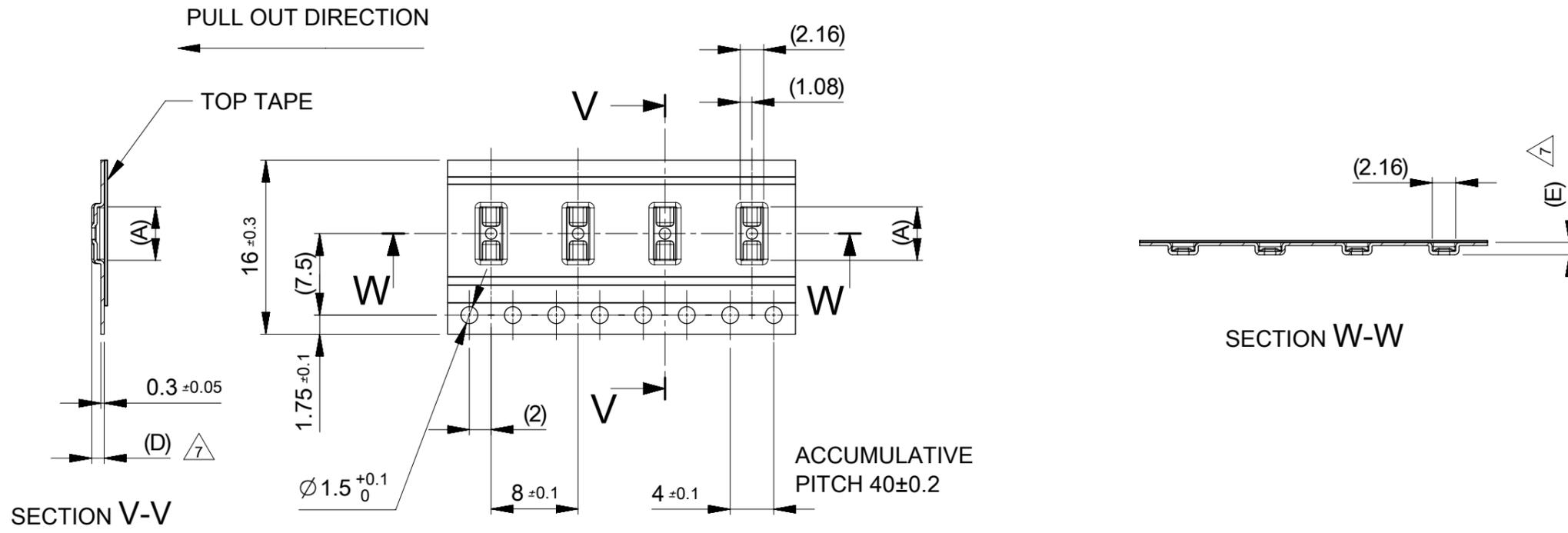
- RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- NUMBER OF CONNECTORS : 6000 PCS/REEL.
- LEAD TAPE LENGTH.



- TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3
 - MATERIAL
CARRER TAPE :POLYSTYRENE
TOP TAPE :PET , OTHER
REEL :POLYSTYRENE(PS)(RECYCLE MATERIAL CONTAINED)
 - ELV AND RoHS COMPLIANT
- △ Only 6 circuit is different in this dimension.

MODEL NO. 505070-**20

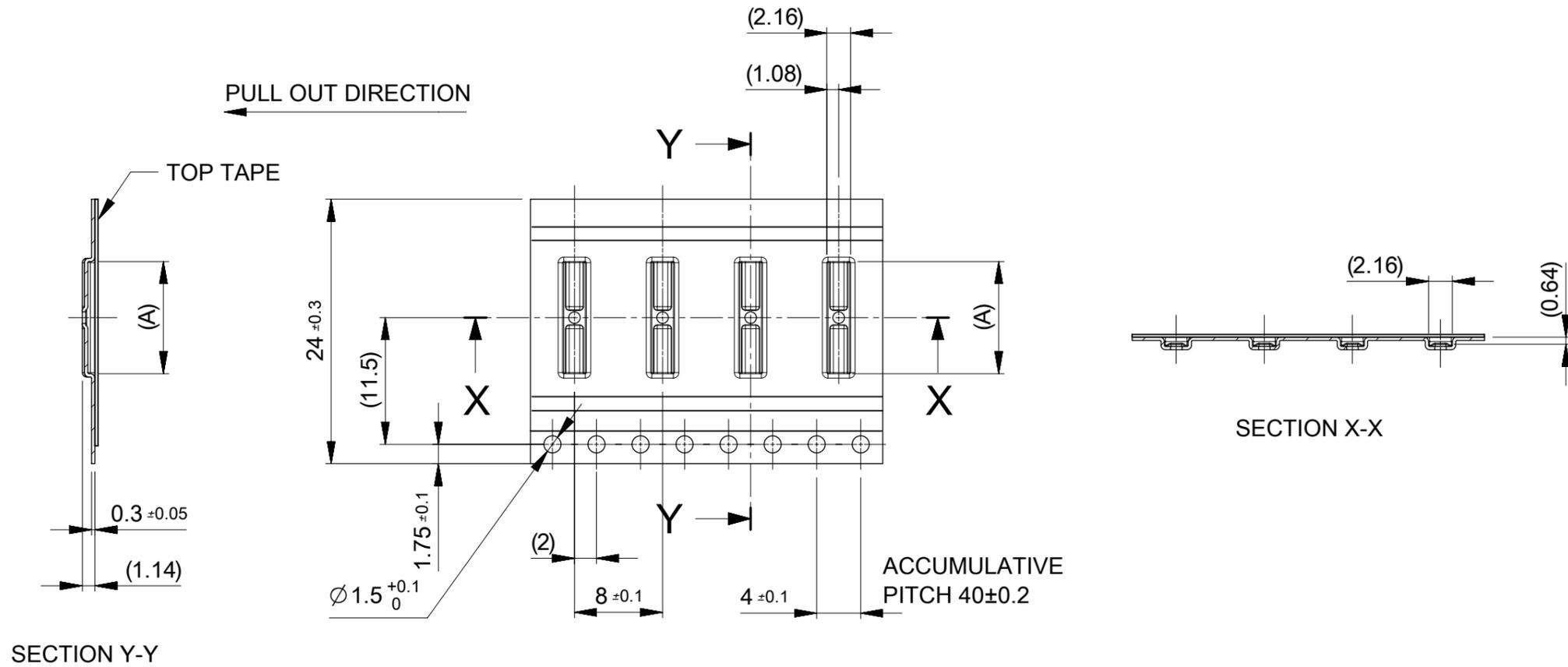
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
REVISED	EC NO: 110631	2016/11/17	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex [®]				
	DRWN: TSOMEYA	2016/11/28	ANGULAR TOL ± 1.0 °	MM	1:5					
	CHK'D: KTANAKA03	2016/11/28	4 PLACES ± 0.01	DRWN BY	DATE	0.35 BB CONN. SSB6 RP PLUG EMBSTP PKG				
	APP: TKUSUHARA01		3 PLACES ± 0.03	STERUKI	2016/03/23					
			2 PLACES ± 0.05	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING				
		1 PLACE ± 0.1	KTANAKA03	2016/04/01						
		0 PLACES ± 0.2	APPR BY	DATE	SERIES MATERIAL NUMBER CUSTOMER					
			KMORIKAWA	2016/04/01					505070	SEE CHART
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
B				A3		5050700000	PSD	001	1 OF 3	



16	0.64	1.14	21.4	17.4	6.68	505070-3020	○	---	30	
					5.63	505070-2420	○	---	24	
					5.28	505070-2220	○	---	22	
					4.93	505070-2020	○	---	20	
					4.58	505070-1820	---	---	18	
					4.23	505070-1620	○	---	16	
					3.88	505070-1420	○	---	14	
					3.53	505070-1220	○	---	12	
					3.18	505070-1020	○	---	10	
					2.78	505070-0820	---	○	8	
					2.43	505070-0620	○	---	6	
キャリアテープ幅 CARRIER TAPE WIDTH		(E)	(D)	C	B	(A)	MATERIAL No.	HIGH VOL. TOOL	LOW VOL. TOOL	CIRCUIT
							SAMPLE PREPARATION			

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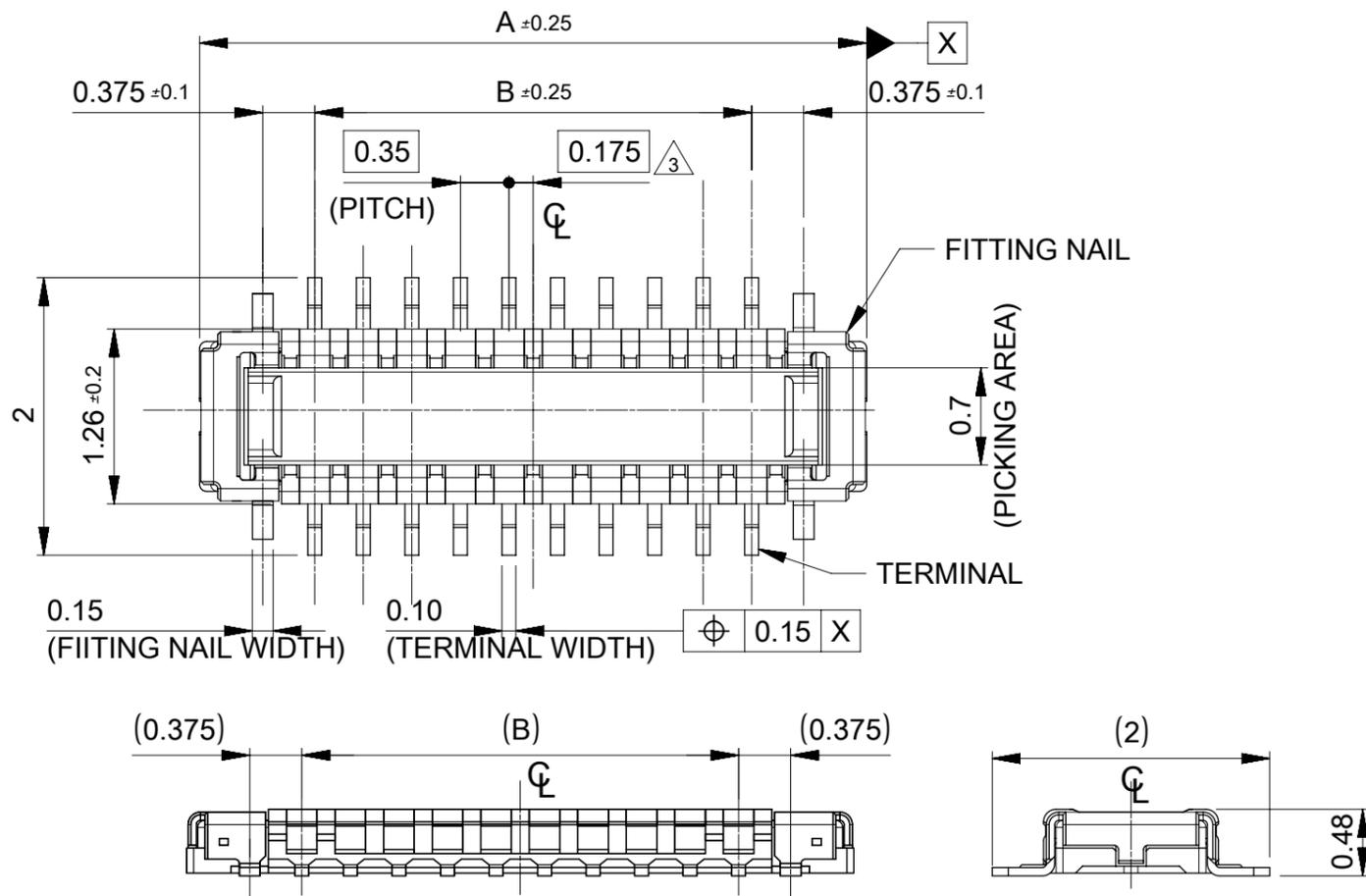
EC NO: 110631 DRWN: TSOMEYA CHK'D: KTANAKA03 APPR: TKUSUHARA01	2016/11/17	2016/11/28	2016/11/28	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 0.01 3 PLACES ± 0.03 2 PLACES ± 0.05 1 PLACE ± 0.1 0 PLACES ± 0.2 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE		
	REVISOR	DATE	DATE		MM	2:1		
	STERUKI	2016/03/23	KTANAKA03		2016/04/01	DRWN BY		DATE
	KMORIKAWA	2016/04/01	KTANAKA03		2016/04/01	CHK'D BY		DATE
	DATE	DATE	DATE		DATE	APPR BY		DATE
B	REV	DRAWING SIZE	THIRD ANGLE PROJECTION	A3		PRODUCT CUSTOMER DRAWING SERIES: 505070 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL DOCUMENT NUMBER: 5050700000 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 2 OF 3		



24	29.4	25.4	12.63	505070-6420	---	---	64
			11.93	505070-6020	---	---	60
			10.88	505070-5420	○	---	54
			10.18	505070-5020	○	---	50
			9.83	505070-4820	○	---	48
			9.48	505070-4620	---	---	46
			8.78	505070-4220	○	---	42
			8.43	505070-4020	○	---	40
			7.38	505070-3420	○	---	34
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.	HIGH VOL TOOL	LOW VOL TOOL	CIRCUIT
						SAMPLE PREPARATION	

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EC NO: 110631 DRWN: TSOMEYA CHK'D: KTANAKA03 REV APPR: TKUSUHARA01	2016/11/17	2016/11/28	2016/11/28	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	DIMENSION UNITS	SCALE	
	REVISOR	DATE	DATE		MM	2:1	
	DRWN BY	DATE	DATE		STERUKI	2016/03/23	
	CHK'D BY	DATE	DATE		KTANAKA03	2016/04/01	
	APPR BY	DATE	DATE		KMORIKAWA	2016/04/01	
REV	DATE	DATE	DRAWING SIZE	THIRD ANGLE PROJECTION	PRODUCT CUSTOMER DRAWING SERIES: 505070 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL		
B			A3		DOCUMENT NUMBER: 5050700000 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 3 OF 3		



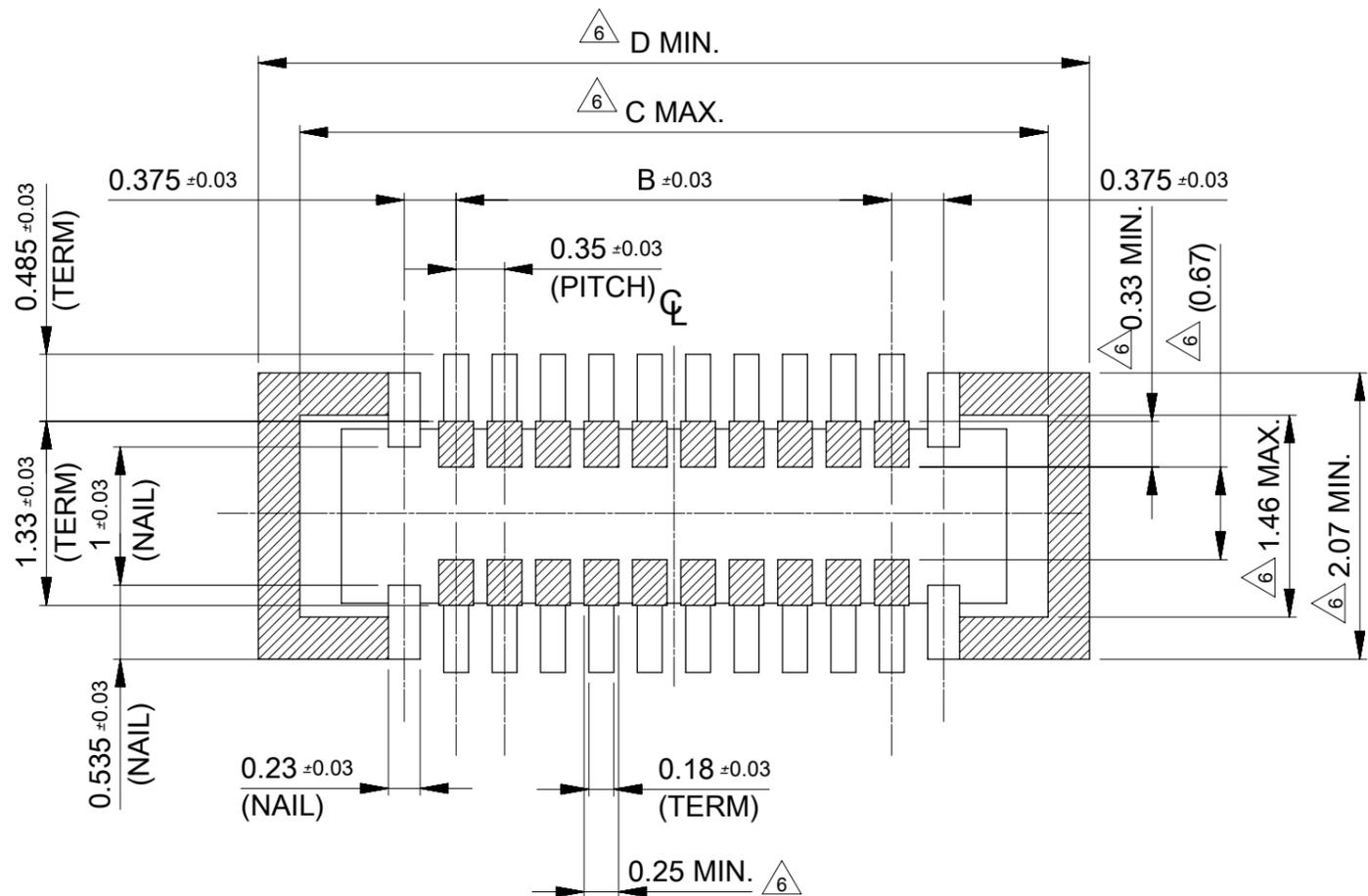
- 1 MATERIAL
 WAFER: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR: BLACK)
 TERMINAL: COPPER ALLOY
 FITTING NAIL: COPPER ALLOY
 - 2 PLATING
 TERMINAL:
 CONTACT AREA: SEPARATED GOLD PLATING (0.1 MICROMETER MINIMUM).
 SOLDER TAIL AREA: SEPARATED GOLD PLATING.
 UNDERPLATE: NICKEL OVERALL.
 *DIVIDE INTO PARTS THE 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 PLATING 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-**10/ 505066-**20
 5 TAIL AND FITTING NAIL COPLANARITY TO BE 0.08 MAXIMUM.
 △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).
 7 ELV and RoHS COMPLIANT.

14.76	14.16	11.90	13.56	505070-7020	---	---	70
13.71	13.11	10.85	12.51	505070-6420	---	---	64
13.01	12.41	10.15	11.81	505070-6020	---	---	60
12.66	12.06	9.80	11.46	505070-5820	---	---	58
11.96	11.36	9.10	10.76	505070-5420	○	---	54
11.26	10.66	8.40	10.06	505070-5020	○	---	50
10.91	10.31	8.05	9.71	505070-4820	○	---	48
10.56	9.96	7.70	9.36	505070-4620	---	---	46
9.86	9.26	7.00	8.66	505070-4220	○	---	42
9.51	8.91	6.65	8.31	505070-4020	○	---	40
9.16	8.56	6.30	7.96	505070-3820	---	---	38
8.46	7.86	5.60	7.26	505070-3420	○	---	34
7.76	7.16	4.90	6.56	505070-3020	○	---	30
6.71	6.11	3.85	5.51	505070-2420	○	---	24
6.36	5.76	3.50	5.16	505070-2220	○	---	22
6.01	5.41	3.15	4.81	505070-2020	○	---	20
5.66	5.06	2.80	4.46	505070-1820	---	---	18
5.31	4.71	2.45	4.11	505070-1620	○	---	16
4.96	4.36	2.10	3.76	505070-1420	○	---	14
4.61	4.01	1.75	3.41	505070-1220	○	---	12
4.26	3.66	1.40	3.06	505070-1020	○	---	10
3.91	3.31	1.05	2.71	505070-0820	---	○	8
3.56	2.96	0.70	2.36	505070-0620	○	---	6
				EMBOSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	
D	C	B	A	ORDER NO.	SAMPLE PREPARATION ○: TOOLED △: WORK IN PROCESS ---: TOOLING TO BE CONFIRMED		CIRCUIT

CONNECTOR SERIES NO. : 505070-**19

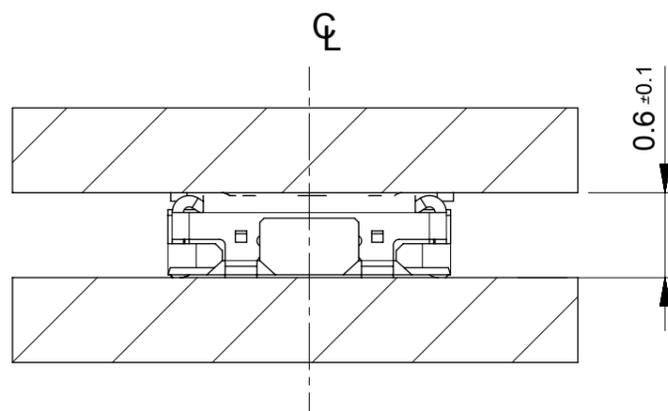
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REVISED	2016/10/20	DRWN: TSOMEYA	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	molex			
	2016/11/28	CHK'D: KTANAKA03	ANGULAR TOL ± 1.0 °	MM	20:1				
	2016/11/28	APPR: TKUSUHARA01	4 PLACES ± 0.001	DRWN BY	DATE		0.35 BB CONN. SSB6 RP PLUG ASSY		
			3 PLACES ± 0.003	STERUKI	2016/03/23				
			2 PLACES ± 0.03	CHK'D BY	DATE				
		1 PLACE ± 0.1	KTANAKA03	2016/04/01					
		0 PLACES ± 0.2	APPR BY	DATE	PRODUCT CUSTOMER DRAWING				
			KMORIKAWA	2016/04/01					
			DRAWING SIZE	THIRD ANGLE PROJECTION					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3		SERIES	MATERIAL NUMBER	CUSTOMER	
						505070	SEE CHART	GENERAL	
						DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
						5050701000	PSD	001	1 OF 2

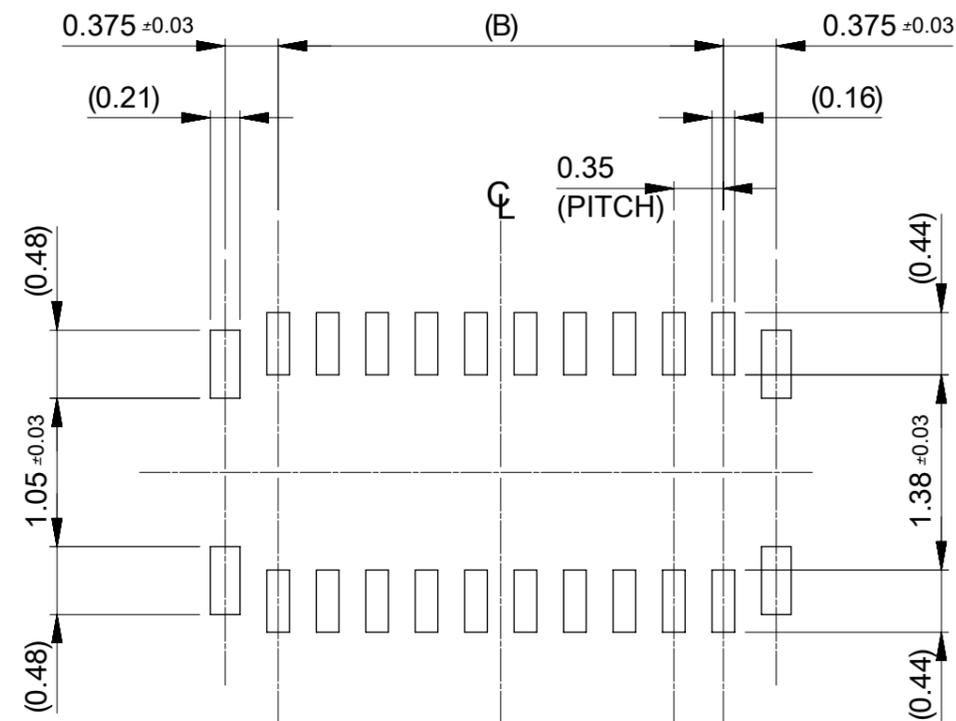


RECOMMENDED P.W.BOARD PATTERN LAYOUT(REFERENCE)

$\triangle 6$ 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.)



MATED CONDITION



RECOMMENDED METAL MASK LAYOUT(REFERENCE)

RECOMMENDED THICKNESS OF METAL MASK : $t=0.08\text{mm}$
RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 80%

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	2016/11/28	ANGULAR TOL $\pm 1.0^\circ$		MM	20:1					
	2016/11/28	4 PLACES	± 0.001	DRWN BY	DATE	0.35 BB CONN. SSB6 RP PLUG ASSY				
		3 PLACES	± 0.003	STERUKI	2016/03/23					
		2 PLACES	± 0.03	CHK'D BY	DATE					
		1 PLACE	± 0.1	KTANAKA03	2016/04/01	PRODUCT CUSTOMER DRAWING				
		0 PLACES	± 0.2	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		KMORIKAWA	2016/04/01	505070	SEE CHART	GENERAL		
				DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
				A3		5050701000		PSD	001	2 OF 2