



产品编号 : 5054173010

Product Description : SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 1.00mm Mated Height, 2.00mm Mated Width, 30 Circuits, Armor Nail

系列号 : 505417

状态 : Active

Product Category : Board-to-Board Connectors

文件和资源

图纸

图纸 5054173010_sd.pdf

3D 模型和设计文件

3D模型 5054173010_stp.zip

规格


包装规格 5054179200-200.pdf

产品规格 5054130000-001.pdf

产品规格 5054130000-A00.pdf

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Board-to-Board Connectors
系列	505417
说明	SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 1.00mm Mated Height, 2.00mm Mated Width, 30 Circuits, Armor Nail
产品系列	0.35, SSB RP
应用	Board-to-Board
元件类型	PCB Header
产品系列	SlimStack Board-to-Board/Board-to-FPC Connectors
产品名称	SlimStack
UPC	889056306898

电气

每触点最大电流	0.3A, 3.0A
电压 - 最大	50V AC (RMS)/DC

物理

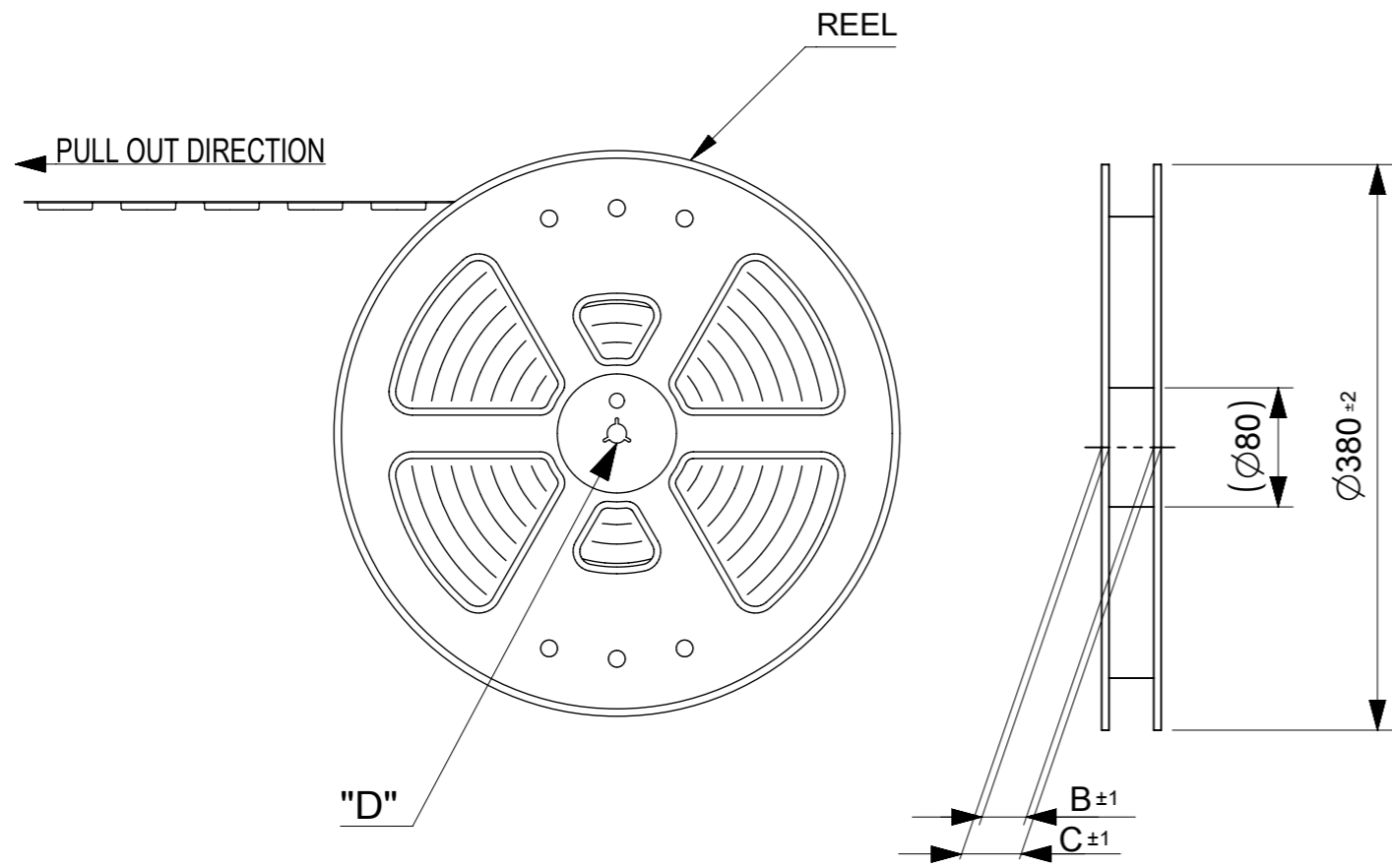
断开	否
回路数 (已载入)	30
电路数 (最多)	30
颜色-树脂	黑色
耐用性(插拔次数) - 最多次数	30
符合灼热丝规范	否
插配长度	1.00mm
插配宽度	2.00mm
材料 - 金属	Copper Alloy
材料 - 接合部位电镀	金牌

材料 - 终端电镀	金牌
材料 - 树脂	Liquid Crystal Polymer
净重	12.080/mg
行数	2
方向	垂直
包装形式	Embossed Tape on Reel
PCB 定位器	否
PCB 保持力	是
间距 - 插配接口	0.35mm
间距 - 终端界面	0.35mm
最薄镀层 - 接合部位	0.100µm
最薄镀层 - 端接	0.050µm
有极性的插配件	否
PCB 极性	否
运行温度范围	-40° to +85° C
终端界面类型	Surface Mount

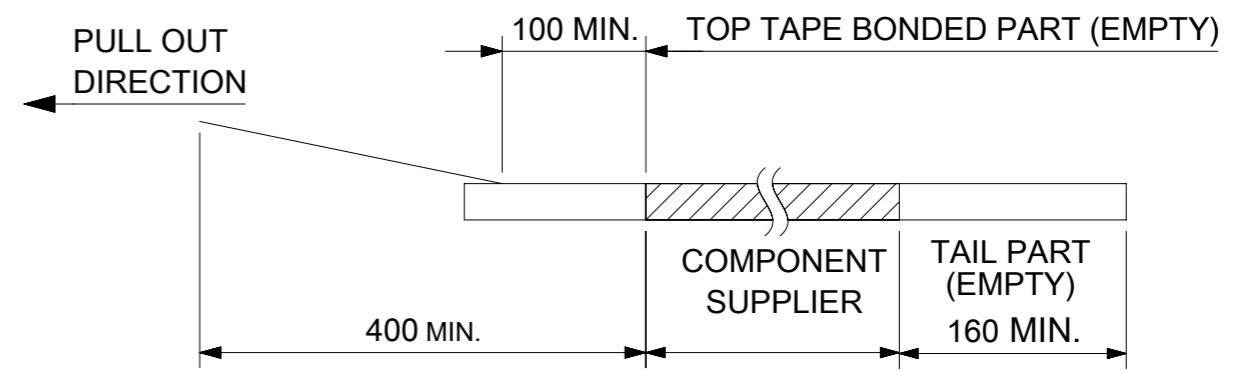
可配插/可连接使用的产品

可配插部件

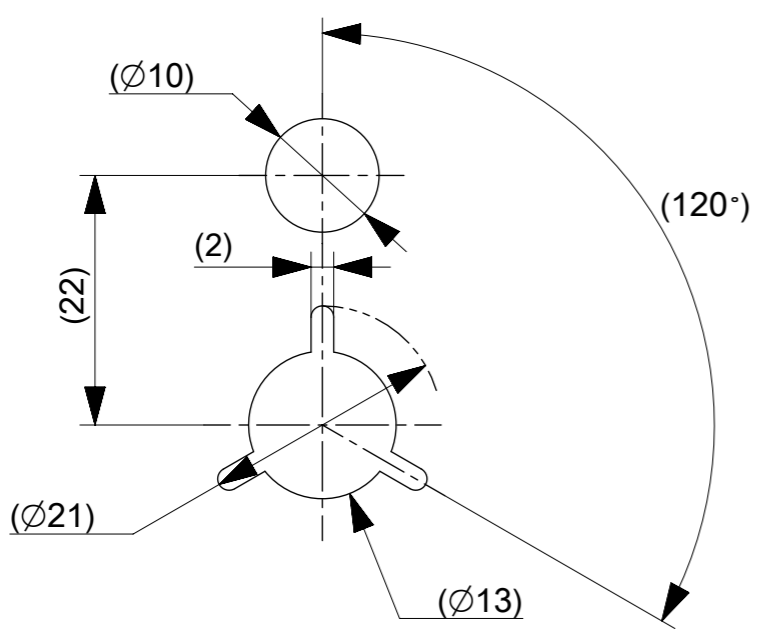
描述	产品编号
0.35mm Pitch SlimStack Board-to-Board Receptacles	<u>505413</u>



- NOTES
1. FOR DIMENSION OF PRODUCT, REFER TO PRODUCT DRAWING.
 2. NUMBER OF CONNECTORS : 7000 PCS/REEL
 3. LEAD TAPE LENGTH



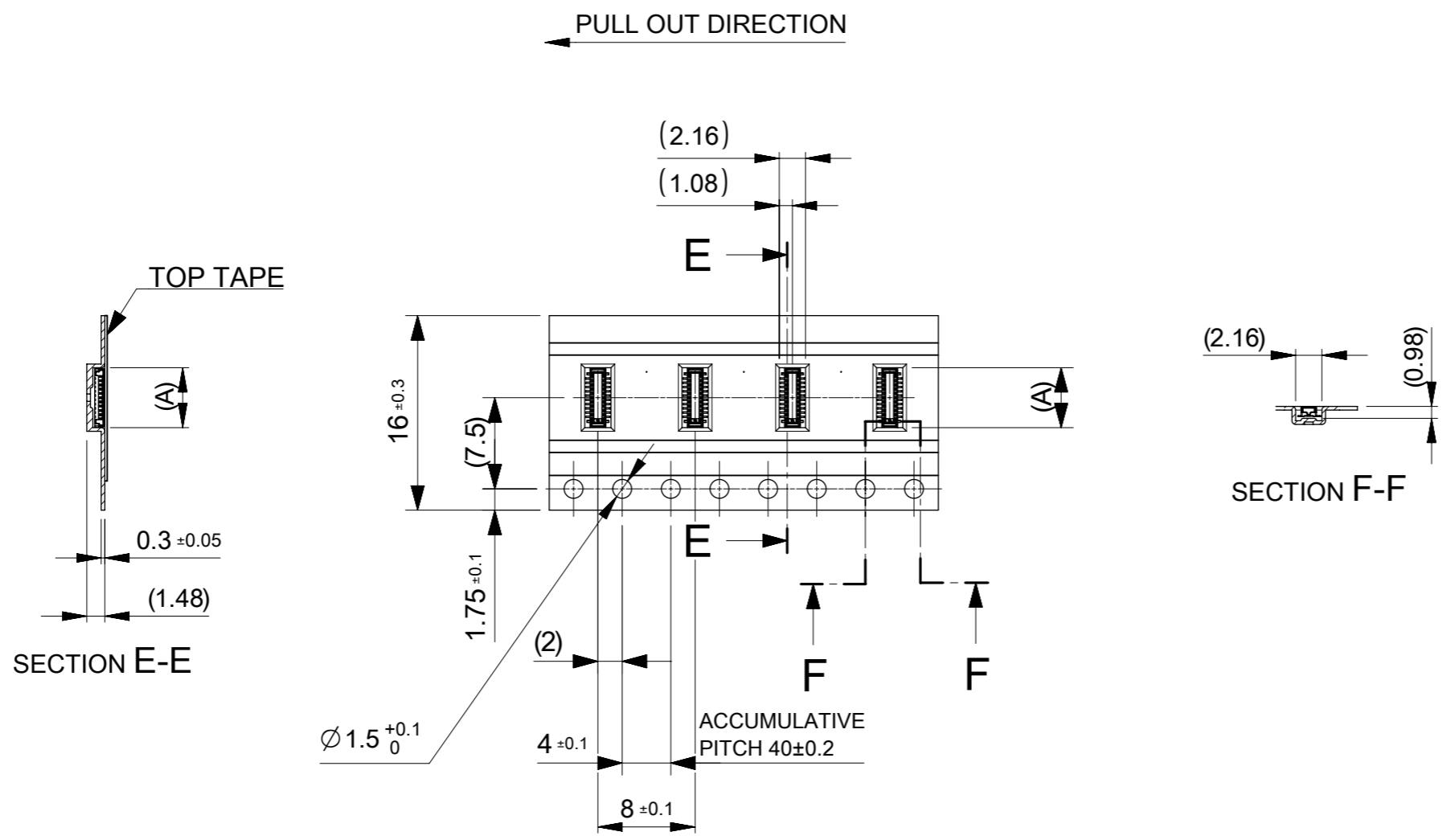
4. TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
5. MATERIAL
 CARRIER TAPE : POLYSTYRENE
 TOP TAPE : PET , OTHER
 REEL : POLYSTYRENE (PS) < RECYCLE MATERIAL CONTAINED >



DETAIL "D"

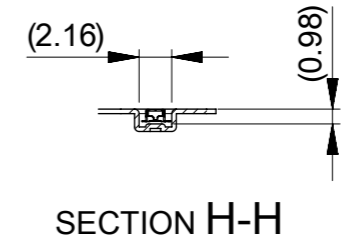
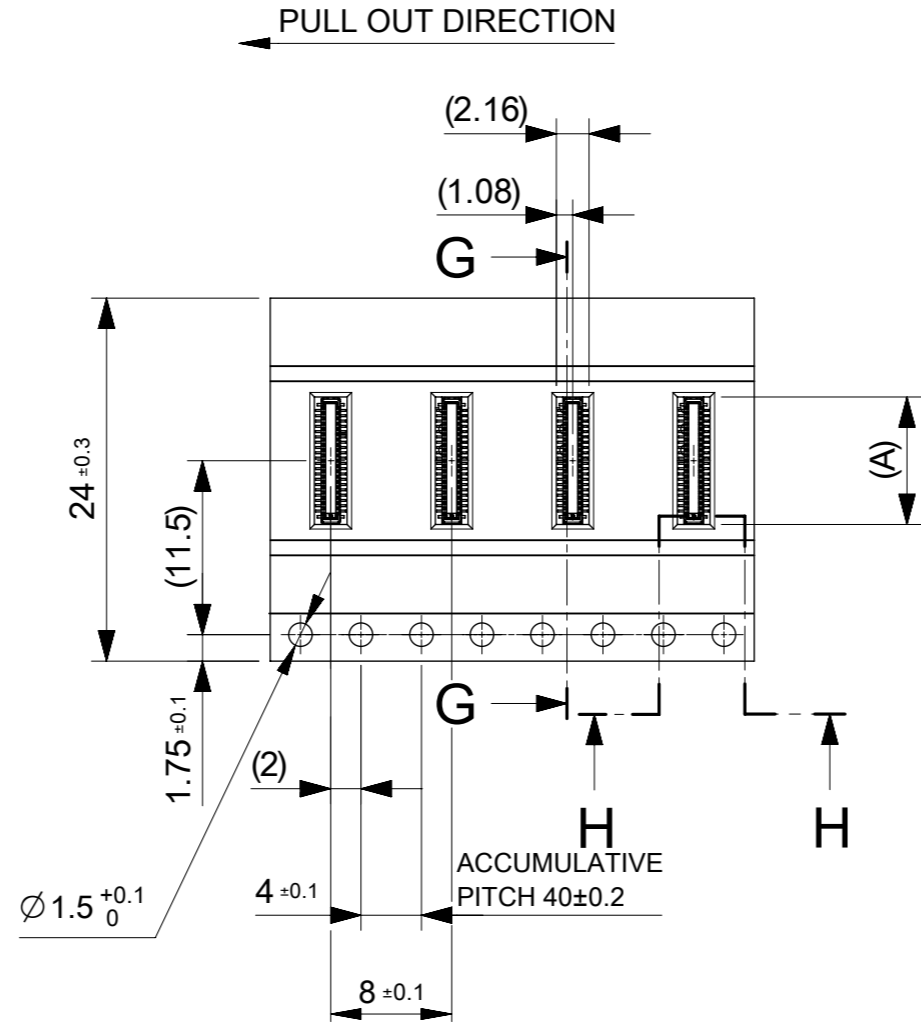
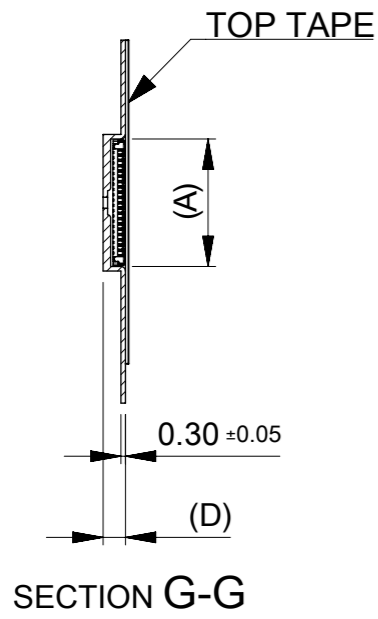
CONNECTOR SERIES NO. 505417**09

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 733067 DRWN: NASIMO 2022/12/21 CHK'D: YKOBAYASHI02 2022/12/22 APPR: KSASAKI 2022/12/23 INITIAL REVISION: DRWN: NNAKAZAWA 2016/03/16 APPR: KMORIKAWA 2016/04/26				0.35 BB H=1.0 SSB10RP PLUG EMBSTP PKG					
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING					
4 PLACES ± 0.03		3 PLACES ± 0.03						DOCUMENT NUMBER		DOC TYPE		DOC PART	
2 PLACES ± 0.05		1 PLACE ± 0.1						5054170000		PSD		000 J	
0 PLACES ± 0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION		DRAWING		SERIES	
				A3-SIZE		505417		MATERIAL NUMBER					
				SEE CHART		CUSTOMER		GENERAL					
								SHEET NUMBER					
								1 OF 3					



16	21.4	17.4	6.68	5054173010	○	---	30
			4.23	5054171610	○	---	16
			3.88	5054171410	○	---	14
			2.43	5054170610	○	---	6
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	EMBOSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	CIRCUIT
ORDER NO.	SAMPLE PREPARATION ○:TOOLED △:WOOK IN PROCESS ---:TOOLING TO BE CONFIRMED						

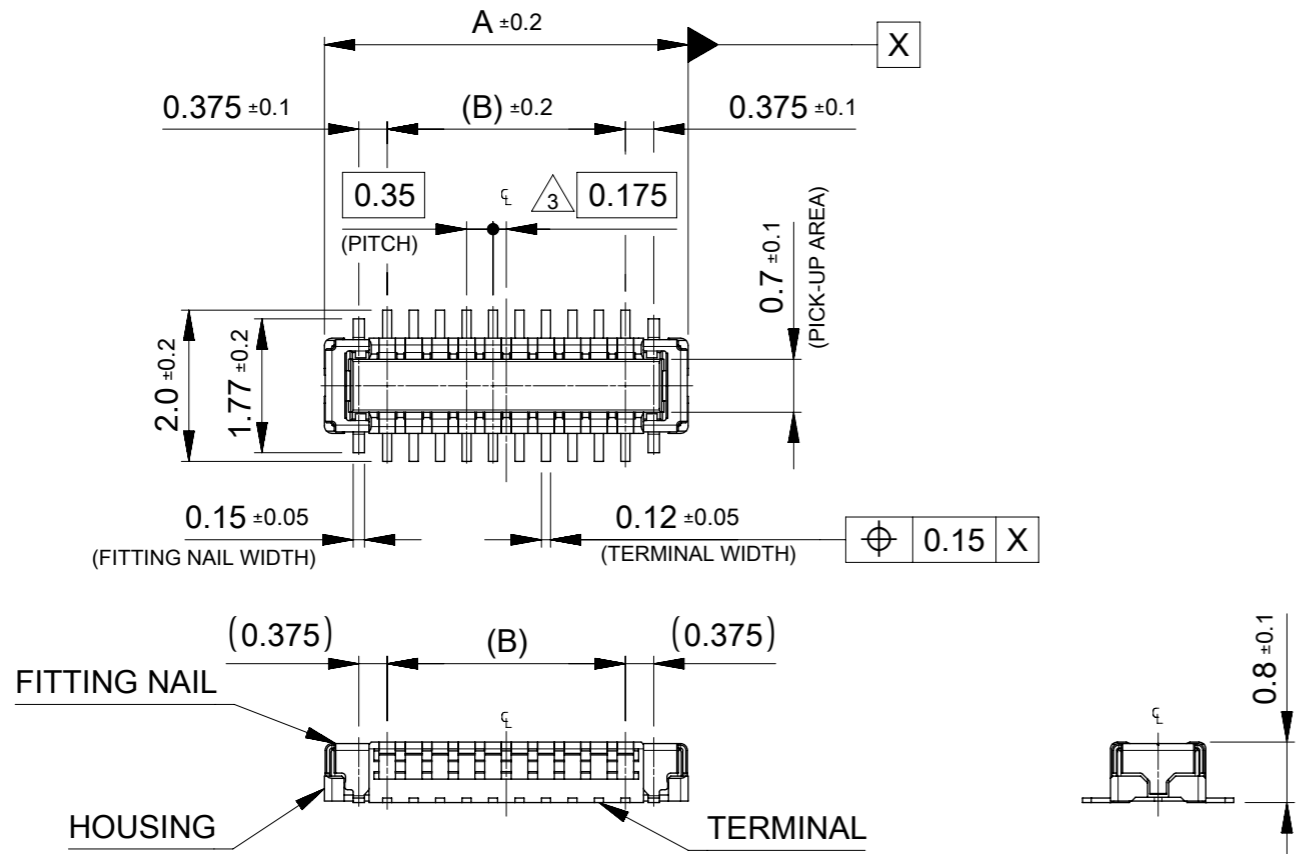
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS		<p style="text-align: center;">molex</p> <p style="text-align: center;">0.35 BB H=1.0 SSB10RP PLUG EMBSTP PKG</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °									
4 PLACES ± 0.03		EC NO: 733067							
3 PLACES ± 0.03		DRWN: NASIMO 2022/12/21							
2 PLACES ± 0.05		CHK'D: YKOBAYASHI02 2022/12/22							
1 PLACE ± 0.1		APPR: KSASAKI 2022/12/23							
0 PLACES ± 0.2		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE		DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		A3-SIZE		505417		5054170000		PSD 000 J	
						CUSTOMER		SHEET NUMBER	
						GENERAL		2 OF 3	



24	1.48	29.4	25.4	11.93	5054176010	○	---	60
	1.41			8.43	5054174010	○	---	40
	1.48			7.38	5054173410	○	---	34
キャリアテープ幅 CARRIER TAPE WIDTH	(D)	C	B	(A)	EMBOSSSED TAPE PACKAGE	HIGH VOL. TOOL	LOW VOL. TOOL	CIRCUIT
					ORDER NO.	SAMPLE PREPARATION ○:TOOLED △:WOOK IN PROCESS ---:TOOLING TO BE CONFIRMED		

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DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC:		molex				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 733067						0.35 BB H=1.0 SSB10RP PLUG EMBSTP PKG
ANGULAR TOL	± 3.0 °	DRWN: NASIMO		2022/12/21				
4 PLACES	± 0.03	CHK'D: YKOBAYASHI02		2022/12/22				
3 PLACES	± 0.03	APPR: KSASAKI		2022/12/23				
2 PLACES	± 0.05	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING				
1 PLACE	± 0.1	DRWN: NNAKAZAWA		2016/03/16		DOCUMENT NUMBER		
0 PLACES	± 0.2	APPR: KMORIKAWA		2016/04/26		5054170000		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
		A3-SIZE	505417	SEE CHART	GENERAL	PSD	000	J
								SHEET NUMBER 3 OF 3



14.76	14.16	11.90	13.56	5054177010	---	---	70
13.71	13.11	10.85	12.51	5054176410	---	---	64
13.01	12.41	10.15	11.81	5054176010	○	---	60
11.96	11.36	9.10	10.76	5054175410	---	---	54
11.26	10.66	8.40	10.06	5054175010	---	---	50
10.91	10.31	8.05	9.71	5054174810	---	---	48
10.56	9.96	7.70	9.36	5054174610	---	---	46
9.86	9.26	7.00	8.66	5054174210	---	---	42
9.51	8.91	6.65	8.31	5054174010	○	---	40
8.46	7.86	5.60	7.26	5054173410	○	---	34
7.76	7.16	4.90	6.56	5054173010	○	---	30
6.71	6.11	3.85	5.51	5054172410	---	---	24
6.36	5.76	3.50	5.16	5054172210	---	---	22
6.01	5.41	3.15	4.81	5054172010	---	---	20
5.66	5.06	2.80	4.46	5054171810	---	---	18
5.31	4.71	2.45	4.11	5054171610	○	---	16
4.96	4.36	2.10	3.76	5054171410	○	---	14
4.61	4.01	1.75	3.41	5054171210	---	---	12
4.26	3.66	1.40	3.06	5054171010	---	---	10
3.56	2.96	0.70	2.36	5054170610	○	---	6

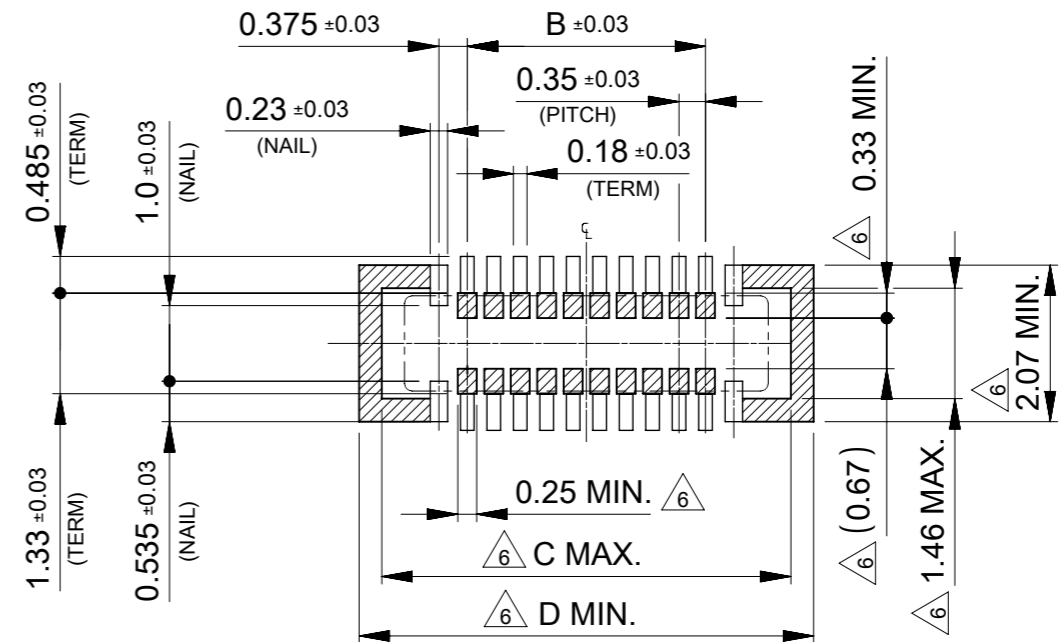
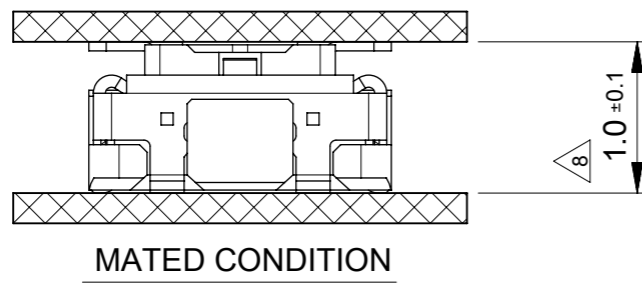
NOTES

- MATERIAL**
HOUSING : LIQUID CRYSTAL POLYMER UL94V-0 (COLOR : BLACK)
TERMINAL : COPPER ALLOY
FITTING NAIL : COPPER ALLOY
- PLATING**
TERMINAL :
GOLD
UNDER PLATING NICKEL
*DIVIDE INTO PARTS THE GOLD PLATING OF CONTACT AND THE TAIL PART BY THE NICKEL PLATING.
FITTING NAIL :
GOLD(ONLY CONTACT AND TAIL PART)
UNDER PLATING NICKEL
- APPLY FOR (CIRCUIT/2)=EVEN
- MATE WITH : 505413**10
- TAIL AND FITTING NAIL COPLANARITY TO BE 0.08MAXIMUM.
- 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.)
- ELV and RoHS COMPLIANT.
- THIS DIMENSION SHOWS THE DIMENSION BETWEEN SOLDERING SURFACE OF SOLDER TAILS.

D	C	B	A	EMBOSSED TAPE PACKAGE	MASS PRODUCTION	LOW VOL. TOOL	CIRCUIT
				ORDER No.	SMAPLE PREPARATION ○: TOOLED △: WORK IN PROCESS ---: TOOLING TO BE CONFIRMED		
				CONNECTOR No. : 505417**09			

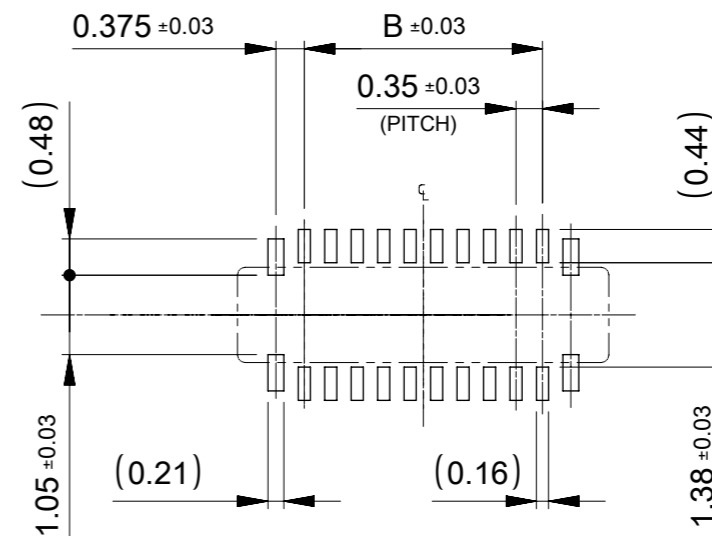
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DIMENSION UNITS mm	SCALE 10:1	CURRENT REV DESC:	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 733067			
ANGULAR TOL ± 3.0°	4 PLACES ± 0.03	DRWN: NASIMO 2022/12/21	PRODUCT CUSTOMER DRAWING		
3 PLACES ± 0.03	2 PLACES ± 0.05	CHK'D: YKOBAYASHI02 2022/12/22	DOCUMENT NUMBER		
1 PLACE ± 0.1	0 PLACES ± 0.2	APPR: KSASAKI 2022/12/23	5054171000		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: HONO01 2016/04/25 APPR: KMORIKAWA 2016/04/26	DOC TYPE PSD	DOC PART 000	REVISION G
THIRD ANGLE PROJECTION		DRAWING A3-SIZE	SERIES 505417	MATERIAL NUMBER SEE CHART	CUSTOMER GENERAL
				SHEET NUMBER 1 OF 2	



RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)

△ 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.)



RECOMMENDED METAL MASK LAYOUT (REFERENCE)

RECOMMENDED THICKNESS OF METAL MASK : t=0.08mm

RECOMMENDED OPEN APERTURE RATIO OF METAL MASK : 80%

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DIMENSION UNITS mm		SCALE 10:1		CURRENT REV DESC:				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °								0.35 BB CONN. H=1.0 SSB10RP PLUG ASSY	
4 PLACES ± 0.03				EC NO: 733067				PRODUCT CUSTOMER DRAWING	
3 PLACES ± 0.03				DRWN: NASIMO 2022/12/21					
2 PLACES ± 0.05				CHK'D: YKOBAYASHI02 2022/12/22					
1 PLACE ± 0.1				APPR: KSASAKI 2022/12/23				DOCUMENT NUMBER 5054171000	
0 PLACES ± 0.2				INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 505417		MATERIAL NUMBER SEE CHART	
						CUSTOMER GENERAL		DOC TYPE PSD	
								DOC PART 000	
								REVISION G	
								SHEET NUMBER 2 OF 2	