



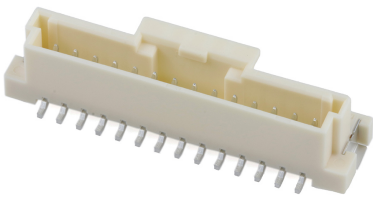
产品编号：[5600201420](#)

Product Description：DuraClik Wire-to-Board Header, Single Row, Vertical, 14 Circuits, Tin (Sn) Plating, Natural

系列号：560020

状态：Active

Product Category：PCB Headers and Receptacles



文件和资源

图纸

[图纸 5600201420_sd.pdf](#)

3D 模型和设计文件

[3D模型 5600201420_stp.zip](#)

规格

[产品规格 PS-502351-001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not 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

[多部分行业合规性文件](#)

- 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	PCB Headers and Receptacles
系列	560020
说明	DuraClik Wire-to-Board Header, Single Row, Vertical, 14 Circuits, Tin (Sn) Plating, Natural
应用	Automotive, Signal, Wire-to-Board
个评论	The Operating Temperature Range when used with DuraClik series 502351 is -40° C to +105° C. It is -40° C to 125° C when used with DuraClik ISL series 560123 or TPA series 505151.
元件类型	PCB Header
产品系列	DuraClik Connector System
产品名称	DuraClik
UPC	887191751122

机构

UL	E29179
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电气

每触点最大电流	3.0A
电压 - 最大	125V AC (RMS)/DC

物理

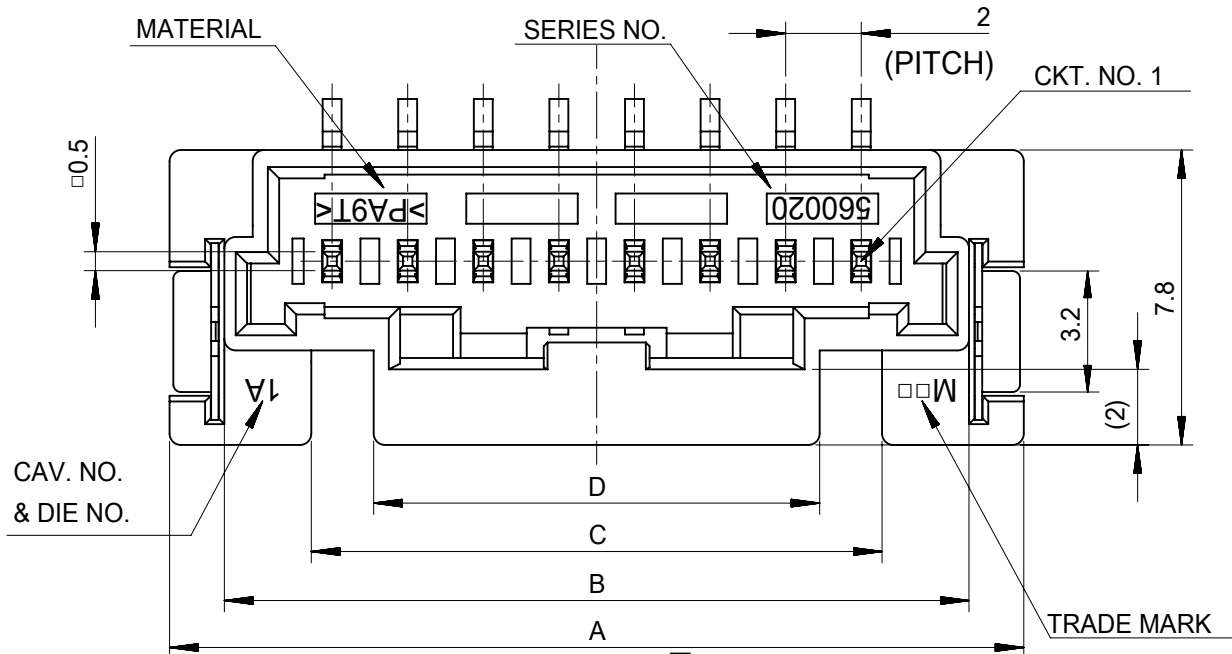
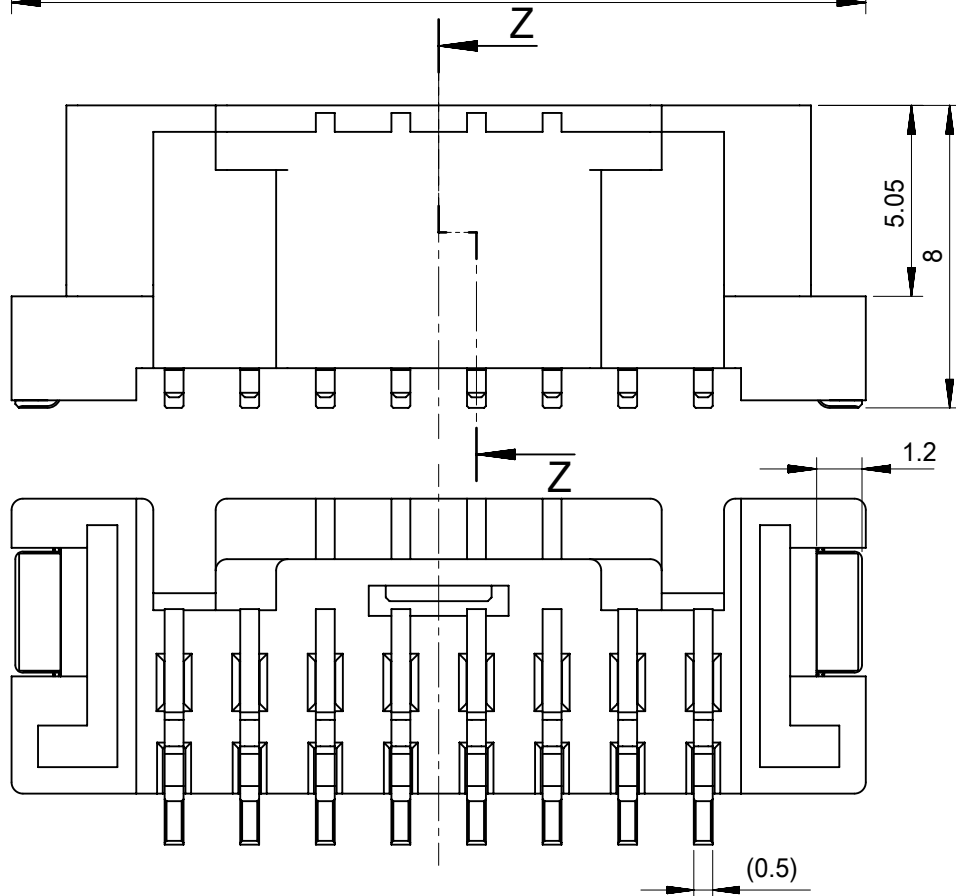
断开	否
回路数（已载入）	14
电路数（最多）	14
颜色-树脂	Natural

耐用性(插拔次数) – 最多次数	30
先接后断	否
阻燃性	SC-0
符合灼热丝规范	否
插接极性	无
锁定插接部位	是
材料 – 金属	Copper Alloy
材料 – 接合部位电镀	Tin
材料 – 树脂	Polyamide
净重	1.521/g
行数	1
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	2.00mm
有极性的插配件	是
PCB 极性	是
可堆叠的	否
运行温度范围	-40° to +105° C, -40° to +125° 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
DuraClik Single Row Receptacle Housings	<u>502351</u>
DuraClik TPA Single Row Receptacle Housings	<u>505151</u>
DuraClik ISL Single Row Receptacle Housings	<u>560123</u>

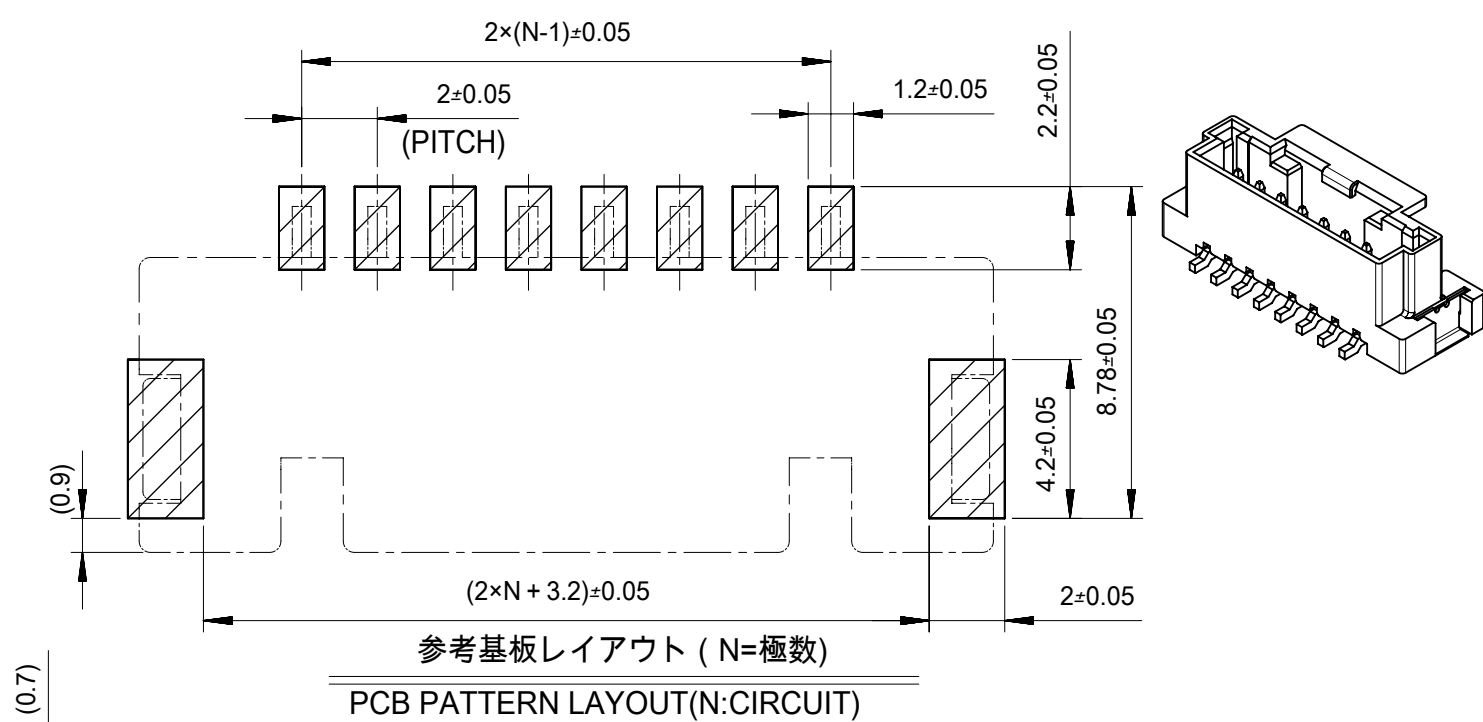


注記
NOTES

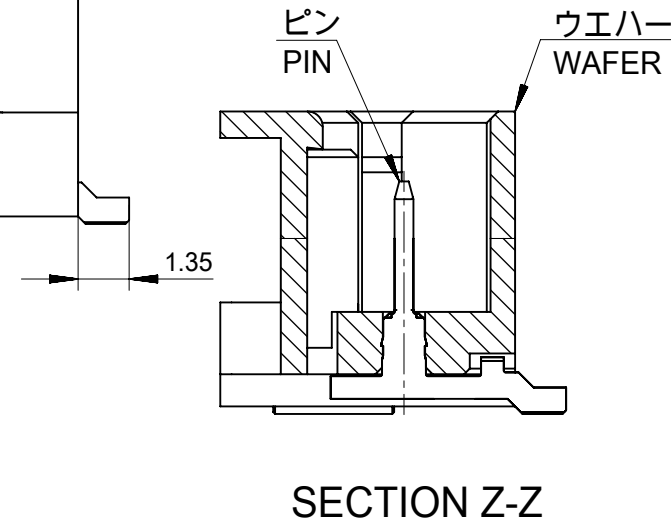
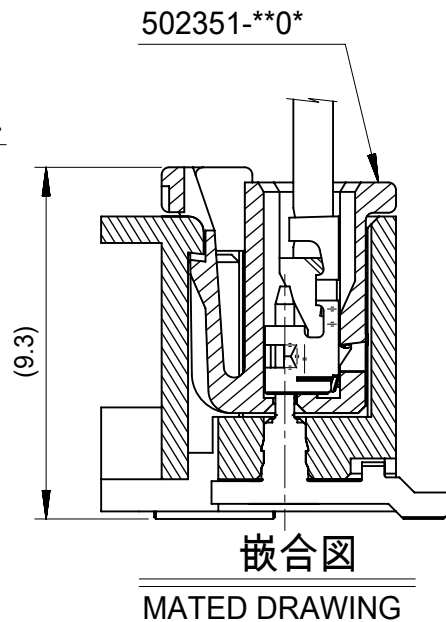
- 材質
ウエハー：耐熱性ナイロン UL94V-0
ピン：銅合金、ニッケル下地、錫メッキ、金メッキ
フィッティングネール：銅合金、ニッケル下地、錫メッキ
MATERIAL
WAFER: POLYAMIDE UL94V-0
PIN: COPPER ALLOY, GOLD OR TIN OVER NICKEL PLATE.
FINNTING NAIL: COPPER ALLOY, TIN OVER NICKEL PLATE.
- 色：ナチュラル、黒、赤、青
COLOR: NATURAL, BLACK, RED, BLUE
- 嵌合相手：
ハウジング:502351-**0*
錫メッキ端子:50212-8*00,50372-8*00,560085-0101
金メッキ端子:56161-8*81
MATES WITH
HOUSING:502351-**0*
SN PLATING TERMINAL: 50212-8*00,50372-8*00,560085-0101
AU PLATING TERMINAL: 56161-8*81

- エンボス梱包品の詳細はSD-560020-002参照
DETAILED TAPING PACKAGE, SEE SD-560020-002
- 半田付け面のコプラナリティ: 0.1mm MAX.
CO-PLANARITY OF SOLDER TAILS TO BE 0.1mm MAX.
- 一般公差
GENERAL TOLERANCES
10 UNDER: ± 0.2
10 OVER 30 UNDER: ± 0.25
30 OVER: ± 0.3
ANGULAR: $\pm 1^\circ$

INITIAL REVISION:		
DRWN	SHSHIBATA	2009/02/18
CHECK	HKOMATSU	2009/02/18
APPR	AKANESHIGE	2009/02/18

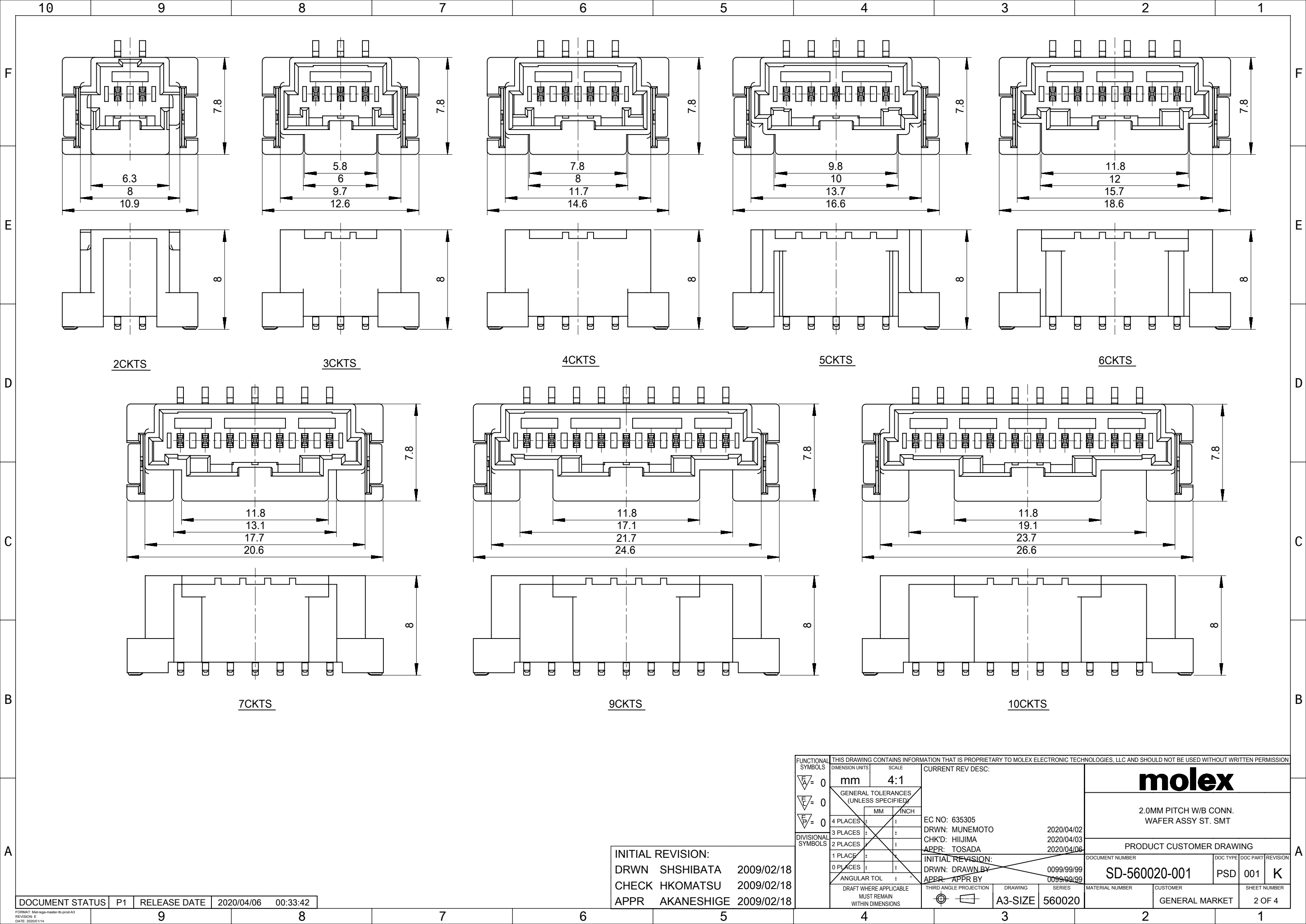


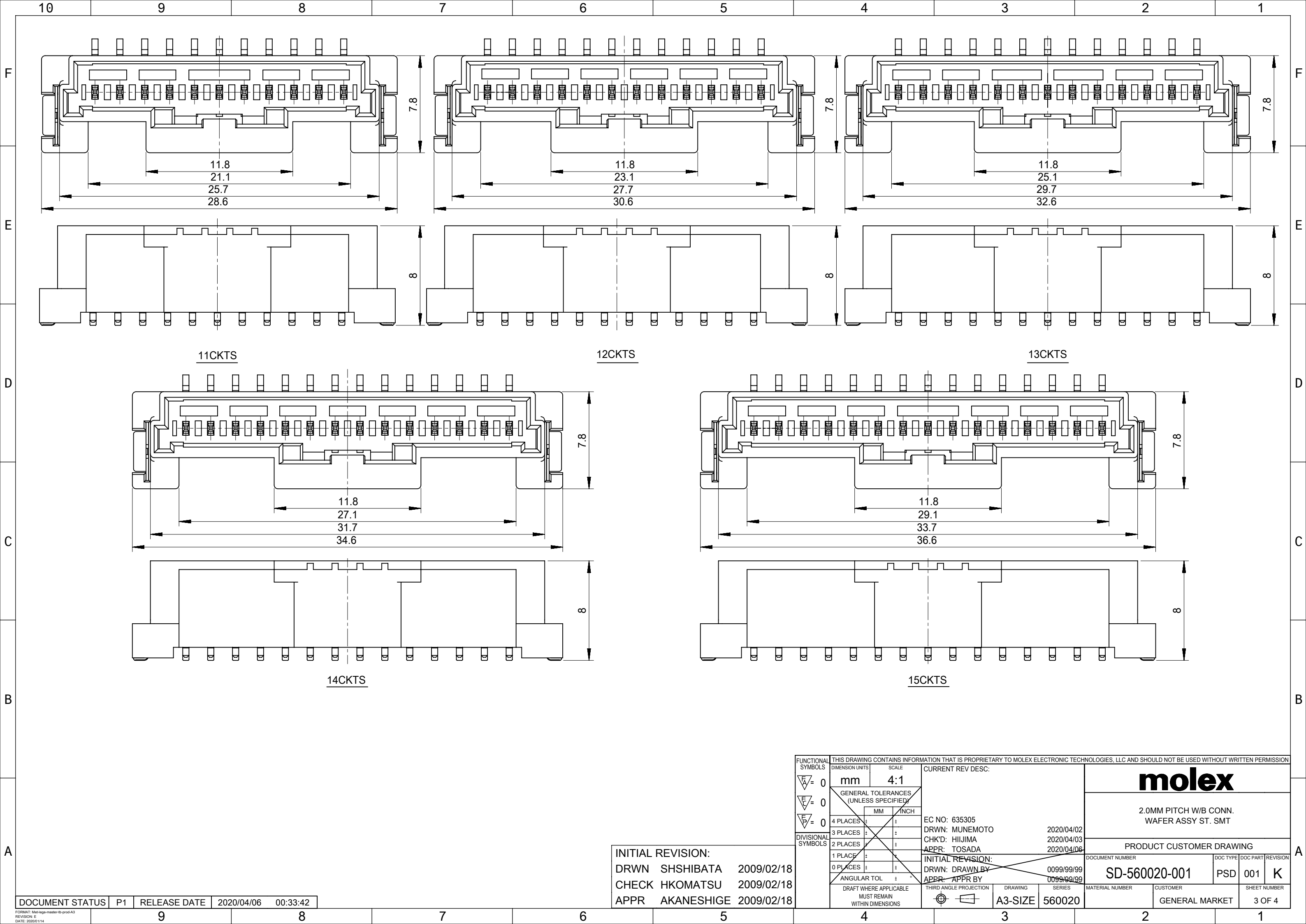
フィッティングネール
FITTING NAIL



FUNCTIONAL SYMBOLS <div><div><div>FA</div><div>= 0</div></div><div><div>FE</div><div>= 0</div></div><div><div>FP</div><div>= 0</div></div></div> <div>DIVISIONAL SYMBOLS</div>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										<div>molex</div> <div>2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT</div>				
	DIMENSION UNITS		SCALE		CURRENT REV DESC:										
	mm		5:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 635305 DRWN: MUNEMOTO 2020/04/02 CHK'D: HIJIMA 2020/04/03 APPR: TOSADA 2020/04/06 <div>INITIAL REVISION:</div> <div>DRWN: DRAWN BY 0099/99/99</div> <div>APPR: APPR BY 0099/99/99</div>										
	MM		INCH												
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		±												
	1 PLACE		±												
	0 PLACES		±												
ANGULAR TOL		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		560020				GENERAL MARKET		1 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/06	00:33:42
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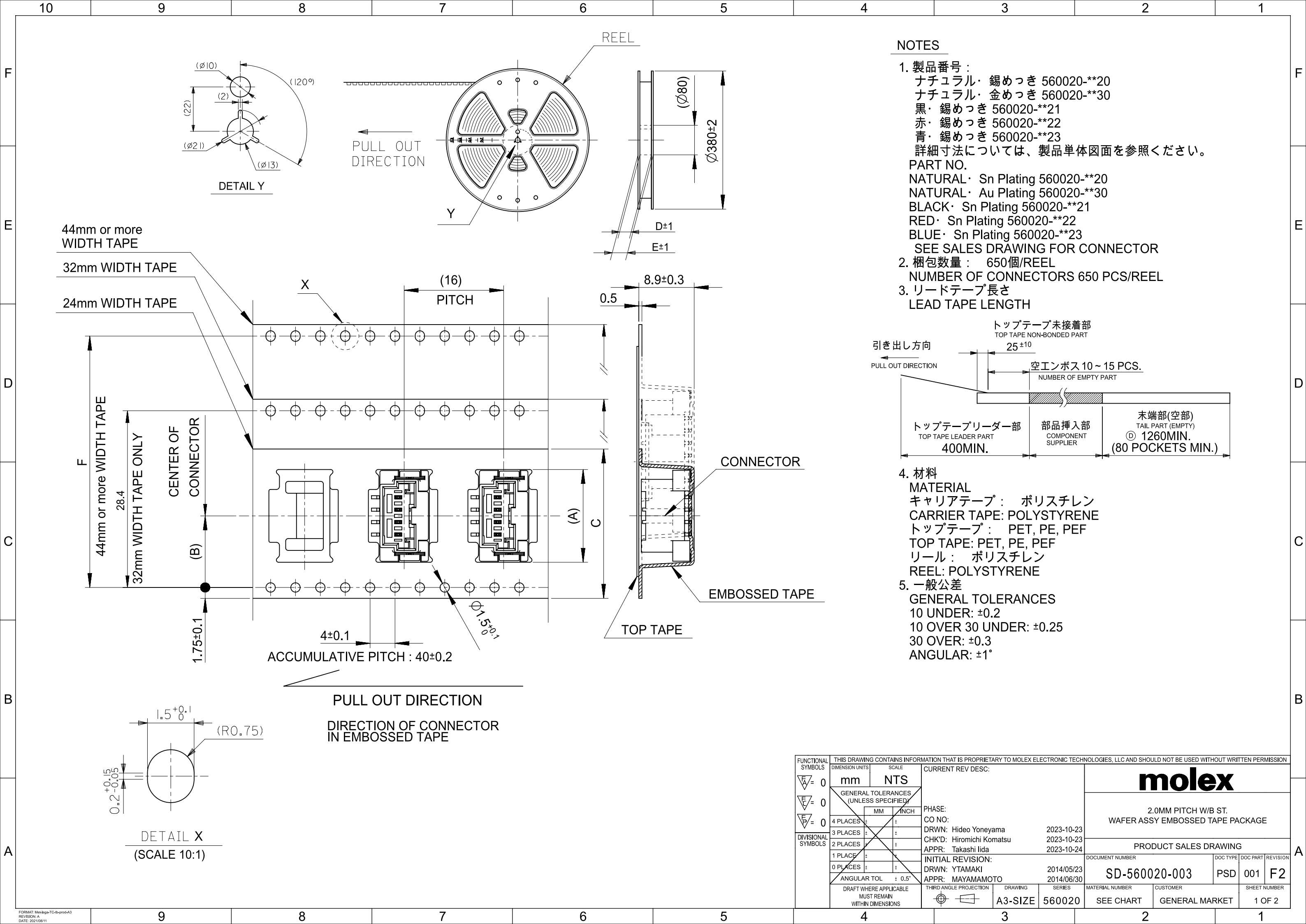
10		9		8		7		6		5		4		3		2		1																									
Sn NATURAL	11.8	29.1	33.7	36.6	560020-1520		15	Au NATURAL	11.8	29.1	33.7	36.6	560020-1530		15	Sn BLACK	11.8	29.1	33.7	36.6	560020-1521		15	Sn RED							15	Sn BLUE							15				
	11.8	27.1	31.7	34.6	560020-1420		14		11.8	27.1	31.7	34.6	560020-1430		14		11.8	27.1	31.7	34.6	560020-1421		14								14		11.8	27.1	31.7	34.6	560020-1431		14				
	11.8	25.1	29.7	32.6	560020-1320		13		11.8	25.1	29.7	32.6	560020-1330		13		11.8	25.1	29.7	32.6	560020-1321		13								13		11.8	25.1	29.7	32.6	560020-1331		13				
	11.8	23.1	27.7	30.6	560020-1220		12		11.8	23.1	27.7	30.6	560020-1230		12		11.8	23.1	27.7	30.6	560020-1221		12								12		11.8	23.1	27.7	30.6	560020-1231		12				
	11.8	21.1	25.7	28.6	560020-1120		11		11.8	21.1	25.7	28.6	560020-1130		11		11.8	21.1	25.7	28.6	560020-1121		11								11		11.8	21.1	25.7	28.6	560020-1131		11				
	11.8	19.1	23.7	26.6	560020-1020		10		11.8	19.1	23.7	26.6	560020-1030		10		11.8	19.1	23.7	26.6	560020-1021		10								10		11.8	19.1	23.7	26.6	560020-1031		10				
	11.8	17.1	21.7	24.6	560020-0920		9		11.8	17.1	21.7	24.6	560020-0930		9		11.8	17.1	21.7	24.6	560020-0921		9								9		11.8	17.1	21.7	24.6	560020-0931		9				
	11.8	15.1	19.7	22.6	560020-0820		8		11.8	15.1	19.7	22.6	560020-0830		8		11.8	15.1	19.7	22.6	560020-0821		8								8		11.8	15.1	19.7	22.6	560020-0831		8				
	11.8	13.1	17.7	20.6	560020-0720		7		11.8	13.1	17.7	20.6	560020-0730		7		11.8	13.1	17.7	20.6	560020-0721		7								7		11.8	13.1	17.7	20.6	560020-0731		7				
	11.8	12	15.7	18.6	560020-0620		6		11.8	12	15.7	18.6	560020-0630		6		11.8	12	15.7	18.6	560020-0621		6								6		11.8	12	15.7	18.6	560020-0631		6				
	9.8	10	13.7	16.6	560020-0520		5		9.8	10	13.7	16.6	560020-0530		5		9.8	10	13.7	16.6	560020-0521		5								5		9.8	10	13.7	16.6	560020-0531		5				
	7.8	8	11.7	14.6	560020-0420		4		7.8	8	11.7	14.6	560020-0430		4		7.8	8	11.7	14.6	560020-0421		4								4		7.8	8	11.7	14.6	560020-0431		4				
	5.8	6	9.7	12.6	560020-0320		3		5.8	6	9.7	12.6	560020-0330		3		5.8	6	9.7	12.6	560020-0321		3								3		5.8	6	9.7	12.6	560020-0331		3				
	6.3			8.0	10.9	560020-0220			2	6.3			8.0	10.9	560020-0230		2	6.3			8.0	10.9	560020-0221		2				2	6.3				8.0	10.9	560020-0231		2					
PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS				
CONNECTOR SERIES NO. 560020-**08																						CONNECTOR SERIES NO. 560020-**18																					

Sn BLACK	11.8	29.1	33.7	36.6	560020-1521		15	Sn RED								15	Sn BLUE											15																																					
	11.8	27.1	31.7	34.6	560020-1421		14									14												14																																					
	11.8	25.1	29.7	32.6	560020-1321		13									13												13																																					
	11.8	23.1	27.7	30.6	560020-1221		12									12												12																																					
	11.8	21.1	25.7	28.6	560020-1121		11									11												11																																					
	11.8	19.1	23.7	26.6	560020-1021		10									10												10																																					
	11.8	17.1	21.7	24.6	560020-0921		9									9												9																																					
	11.8	15.1	19.7	22.6	560020-0821		8		11.8	15.1	19.7	22.6	560020-0822		8	11.8		15.1	19.7	22.6	560020-0823		8							8																																			
	11.8	13.1	17.7	20.6	560020-0721		7									7												7																																					
	11.8	12	15.7	18.6	560020-0621		6		11.8	12	15.7	18.6	560020-0622		6	11.8		12	15.7	18.6	560020-0623		6							6																																			
	9.8	10	13.7	16.6	560020-0521		5									5												5																																					
	7.8	8	11.7	14.6	560020-0421		4		7.8	8	11.7	14.6	560020-0422		4	7.8		8	11.7	14.6	560020-0423		4							4																																			
	5.8	6	9.7	12.6	560020-0321		3		5.8	6	9.7	12.6	560020-0322		3	5.8		6	9.7	12.6	560020-0323		3							3																																			
	6.3			8.0	10.9	560020-0221			2	6.3			8.0	10.9	560020-0222			2	6.3			8.0	10.9	560020-0223		2				2																																			
PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS	PLATING COLOR	D	C	B	A	EMBOSSED PACKAGE ORDER NO.		CKTS																																		
CONNECTOR SERIES NO. 560020-**28																						CONNECTOR SERIES NO. 560020-**48																						CONNECTOR SERIES NO. 560020-**68																					

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
DIMENSION UNITS		SCALE		EC NO: 635305		2.0MM PITCH W/B CONN. WAFFER ASSY ST. SMT	
mm		1:1		DRWN: MUNEMOTO			
GENERAL TOLERANCES (UNLESS SPECIFIED)				CHK'D: HIIJIMA			
MM		INCH		APPR: TOSADA			
4 PLACES ±		±		2020/04/02			
3 PLACES ±		±		2020/04/03			
2 PLACES ±		±		2020/04/06			
1 PLACE ±		±		INITIAL REVISION:			
0 PLACES ±		±		DRWN: DRAWN BY		0099/99/99	
ANGULAR TOL ±		°		APPR: APPR BY		0099/99/99	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
				A3-SIZE		4 OF 4	

INITIAL REVISION:		2009/02/18	
DRWN SHSHIBATA		2009/02/18	
CHECK HKOMATSU		2009/02/18	
APPR AKANESHIGE		2009/02/18	

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/06	00:33:42
9		8		7
6		5		4
3		2		1



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