



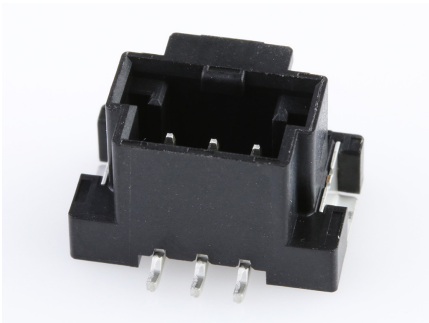
产品编号 : 5600200321

Product Description : DuraClik Wire-to-Board Header, Single Row, Vertical, 3 Circuits, Tin (Sn) Plating, Black

系列号 : 560020

状态 : Active

Product Category : PCB Headers and Receptacles



文件和资源

图纸

[图纸 5600200321_sd.pdf](#)

3D 模型和设计文件

[3D模型 5600200321_stp.zip](#)

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

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, 3 Circuits, Tin (Sn) Plating, Black
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	889056679831

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

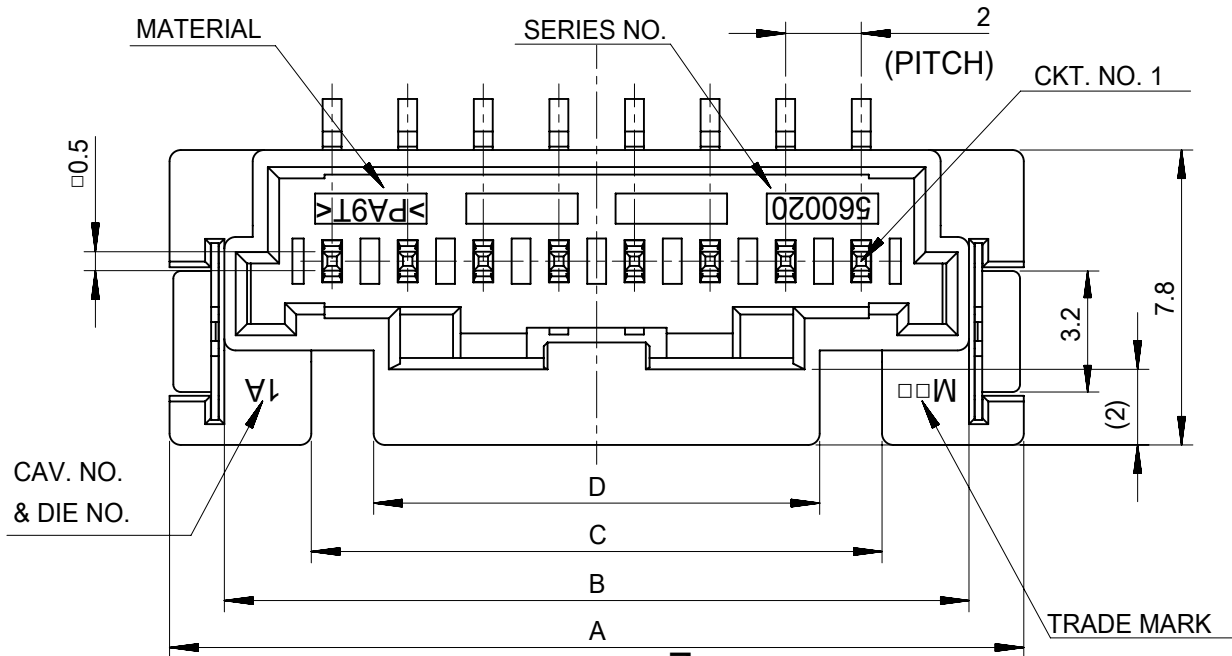
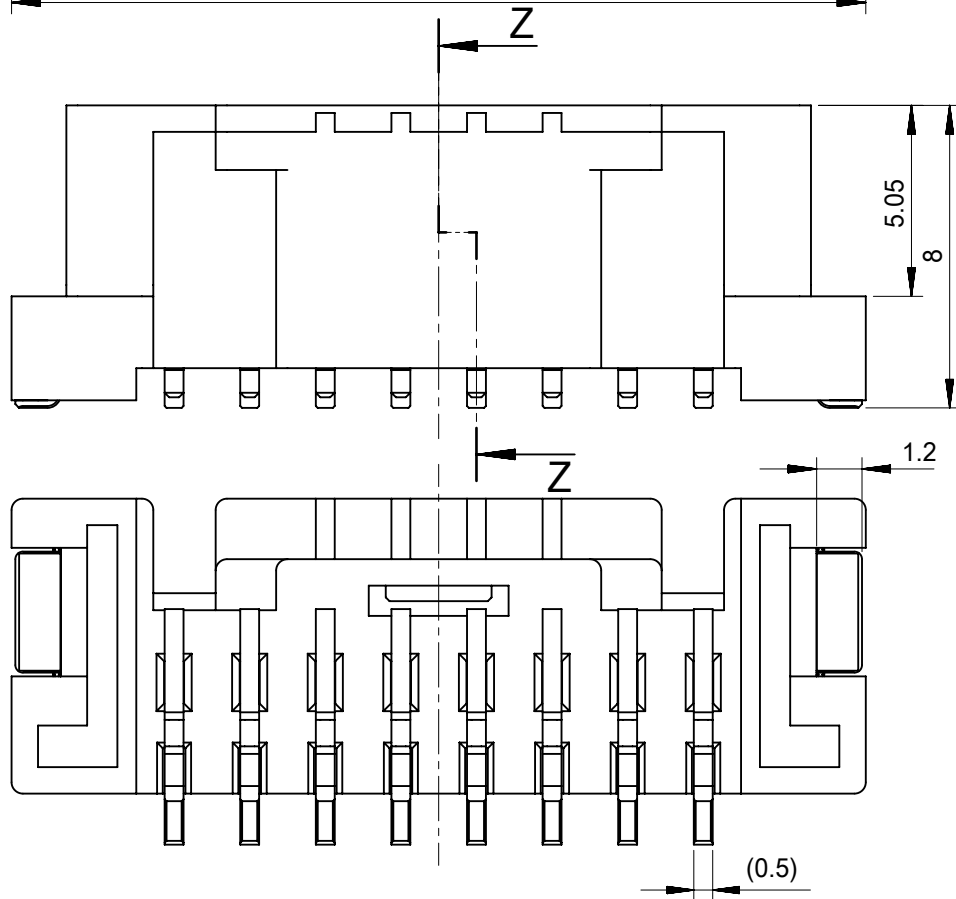
断开	否
回路数（已载入）	3
电路数（最多）	3
颜色-树脂	黑色
耐用性(插拔次数) - 最多次数	30
先接后断	否

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	0.400/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>

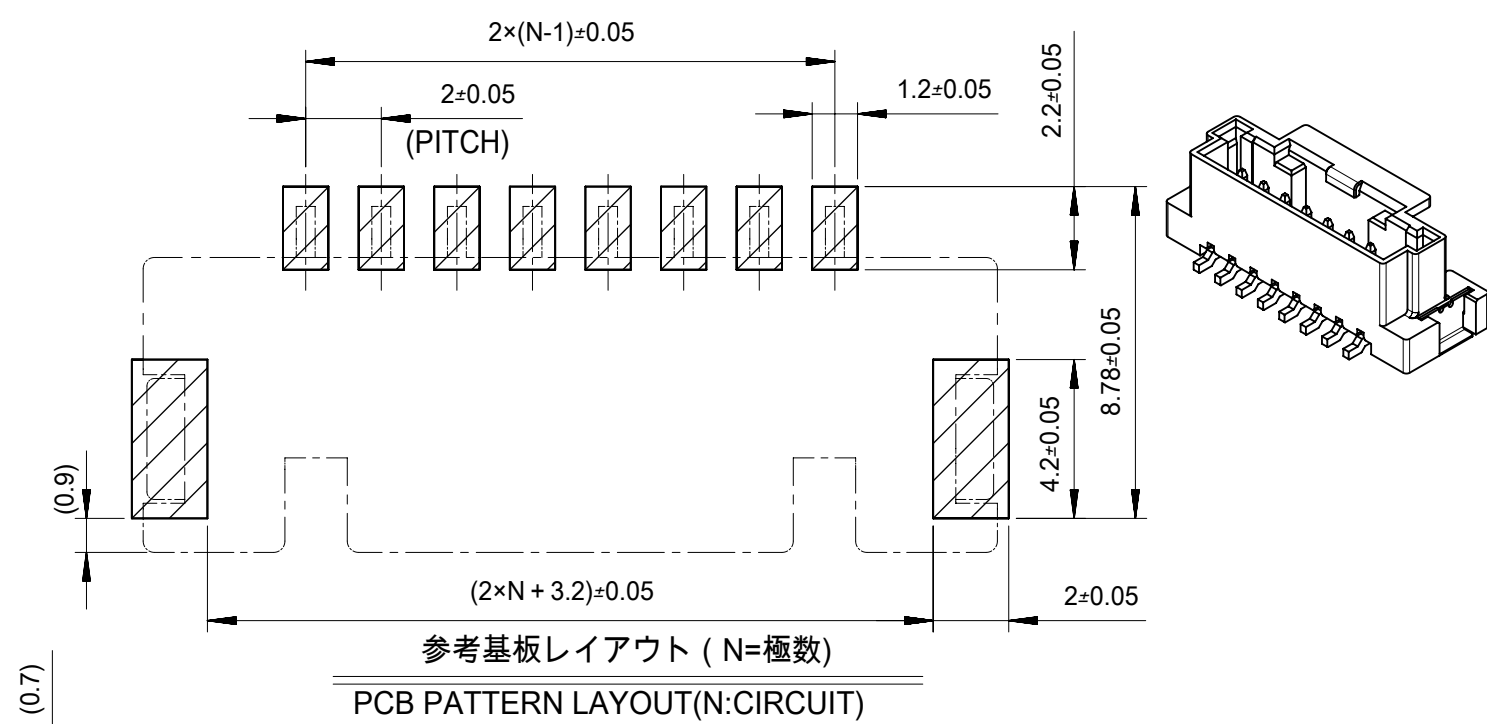


注記
NOTES

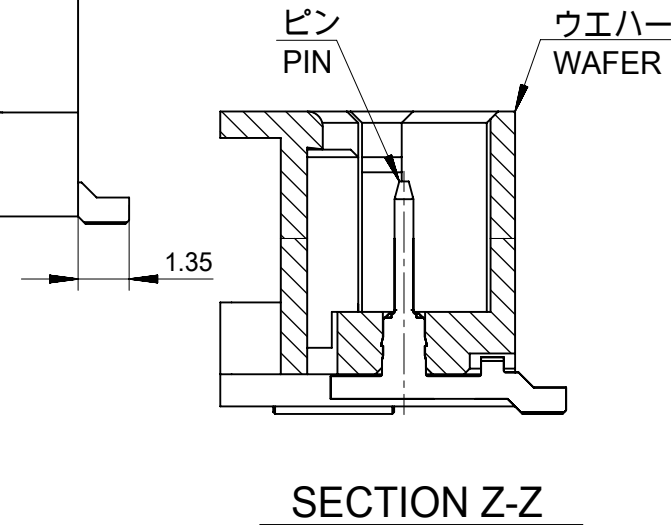
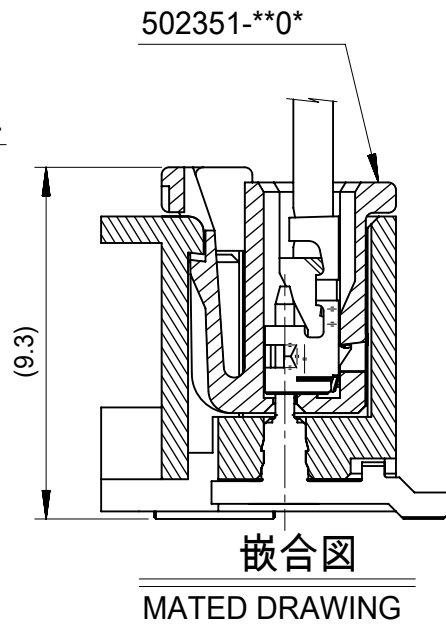
- 材質
ウエハー：耐熱性ナイロン UL94V-0
ピン：銅合金、ニッケル下地、錫メッキ、金メッキ
フィッティングネール：銅合金、ニッケル下地、錫メッキ
MATERIAL
WAFER: POLYAMIDE UL94V-0
PIN: COPPER ALLOY, GOLD OR TIN OVER NICKEL PLATE.
FINNTING NAIL: COPPER ALLOY, TIN OVER NICKEL PLATE.
- 色：ナチュラル、黒、赤、青
COLOR: NATURAL, BLACK, RED, BLUE
- 嵌合相手：
ハウジング:502351-**0*
錫メッキ端子:50212-8*00,50372-8*00,560085-0101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

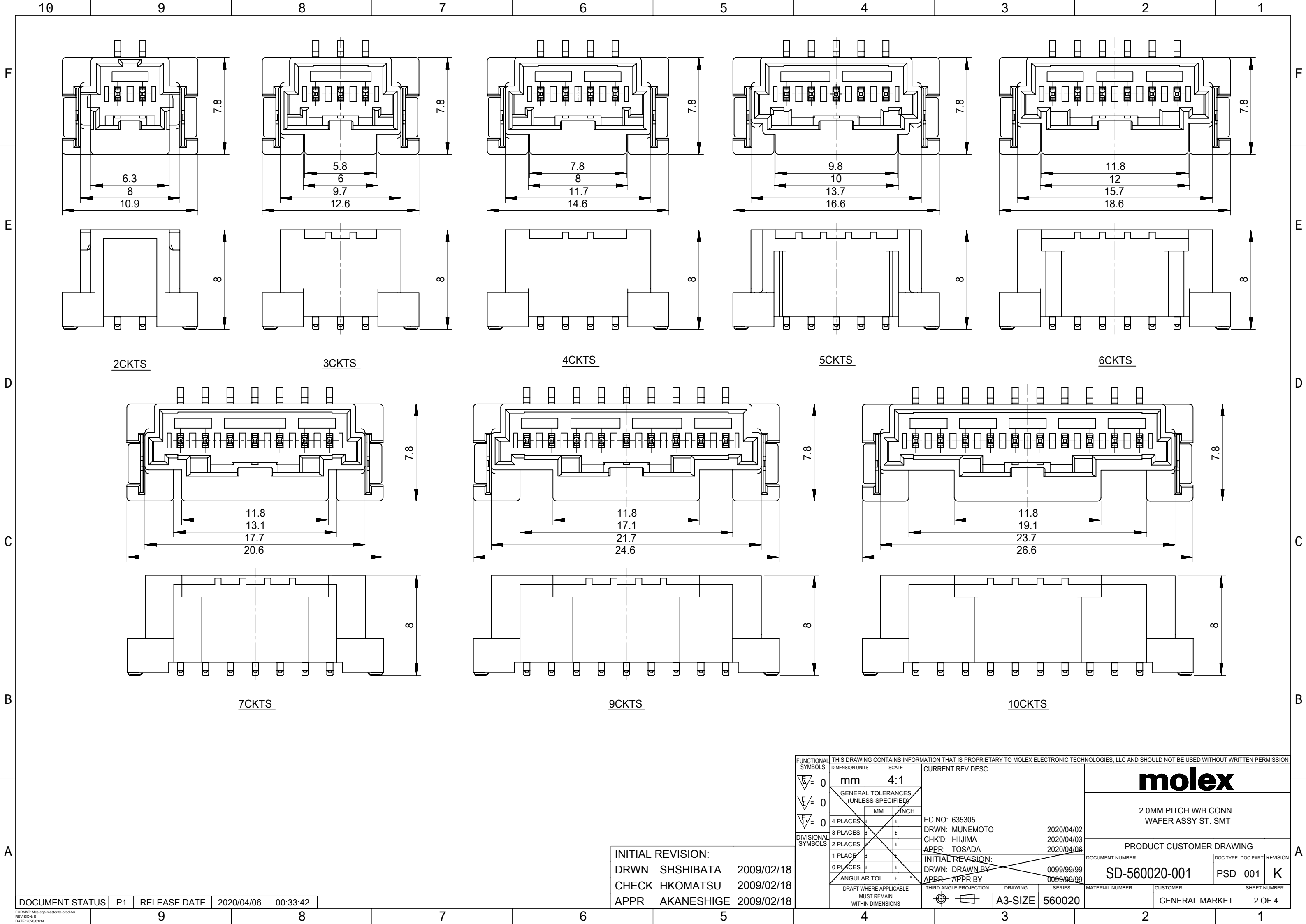


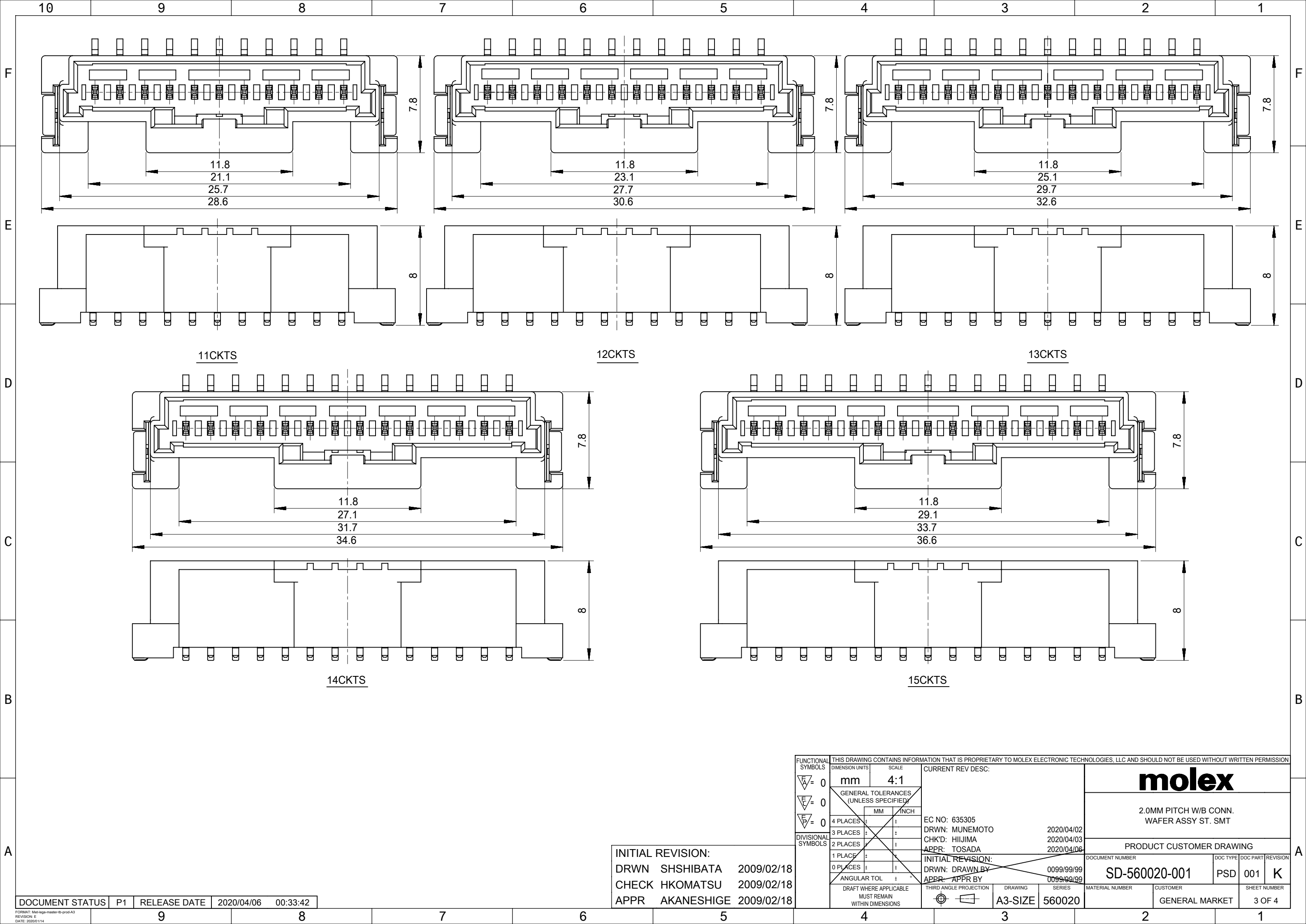
フィッティングネール
FITTING NAIL



FUNCTIONAL SYMBOLS <div>FA = 0</div> <div>FE = 0</div> <div>FP = 0</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													
	DIMENSION UNITS		SCALE		CURRENT REV DESC:					<div>molex</div> <div>2.0MM PITCH W/B CONN. WAFER ASSY ST. SMT</div>				
	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 INITIAL REVISION: DRWN: DRAWN BY 0099/99/99 APPR: APPR BY 0099/99/99					PRODUCT CUSTOMER DRAWING				
		MM	INCH											
	4 PLACES	±	±											
	3 PLACES	±	±											
	2 PLACES	±	±											
	1 PLACE	±	±											
	0 PLACES	±	±											
ANGULAR TOL ± °				DOCUMENT NUMBER					DOC TYPE		DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				<div>THIRD ANGLE PROJECTION</div> <div></div> <div>A3-SIZE</div> <div>560020</div>					SD-560020-001		PSD	001	K	
									MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
									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		
		11.8	27.1	31.7	34.6	560020-1420		14			11.8	27.1	31.7	34.6	560020-1430		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	23.1	27.7	30.6	560020-1220		12			11.8	23.1	27.7	30.6	560020-1230		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	19.1	23.7	26.6	560020-1020		10			11.8	19.1	23.7	26.6	560020-1030		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	15.1	19.7	22.6	560020-0820		8			11.8	15.1	19.7	22.6	560020-0830		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	12	15.7	18.6	560020-0620		6			11.8	12	15.7	18.6	560020-0630		6		
		9.8	10	13.7	16.6	560020-0520		5			9.8	10	13.7	16.6	560020-0530		5		
		7.8	8	11.7	14.6	560020-0420		4			7.8	8	11.7	14.6	560020-0430		4		
		5.8	6	9.7	12.6	560020-0320		3			5.8	6	9.7	12.6	560020-0330		3		
		6.3		8.0	10.9	560020-0220		2			6.3		8.0	10.9	560020-0230		2		
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																			

Sn BLACK		11.8	29.1	33.7	36.6	560020-1521	15	Sn RED								15			
		11.8	27.1	31.7	34.6	560020-1421	14								14				
		11.8	25.1	29.7	32.6	560020-1321	13								13				
		11.8	23.1	27.7	30.6	560020-1221	12								12				
		11.8	21.1	25.7	28.6	560020-1121	11								11				
		11.8	19.1	23.7	26.6	560020-1021	10								10				
		11.8	17.1	21.7	24.6	560020-0921	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	13.1	17.7	20.6	560020-0721	7								7				
		11.8	12	15.7	18.6	560020-0621	6			11.8	12	15.7	18.6	560020-0622	6				
		9.8	10	13.7	16.6	560020-0521	5								5				
		7.8	8	11.7	14.6	560020-0421	4			7.8	8	11.7	14.6	560020-0422	4				
		5.8	6	9.7	12.6	560020-0321	3			5.8	6	9.7	12.6	560020-0322	3				
		6.3		8.0	10.9	560020-0221	2			6.3		8.0	10.9	560020-0222	2				
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																			

Sn BLUE																15			
																14			
																13			
																12			
																11			
																10			
																9			
		11.8	15.1	19.7	22.6	560020-0823	8								8				
															7				
		11.8	12	15.7	18.6	560020-0623	6								6				
															5				
		7.8	8	11.7	14.6	560020-0423	4	7.8	8	11.7	14.6	560020-0423	4						
		5.8	6	9.7	12.6	560020-0323	3	5.8	6	9.7	12.6	560020-0323	3						
		6.3		8.0	10.9	560020-0223	2	6.3		8.0	10.9	560020-0223	2						
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-**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:		<div>molex</div>	
DIMENSION UNITS		SCALE					
mm		1:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)							
MM		INCH					
4 PLACES ±		±					
3 PLACES ±		±					
2 PLACES ±		±					
1 PLACE ±		±					
0 PLACES ±		±					
ANGULAR TOL ±		°					
DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES	
MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		560020	

INITIAL REVISION:			
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
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DIMENSION UNITS		SCALE					
mm		1:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)							
MM		INCH					
4 PLACES ±		±					
3 PLACES ±		±					
2 PLACES ±		±					
1 PLACE ±		±					
0 PLACES ±		±					
ANGULAR TOL ±		°					
DRAFT WHERE APPLICABLE		THIRD ANGLE PROJECTION		DRAWING		SERIES	
MUST REMAIN WITHIN DIMENSIONS				A3-SIZE		560020	

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DOCUMENT NUMBER		SD-560020-001		DOC TYPE		PSD		DOC PART		001		REVISION		K	
MATERIAL NUMBER				CUSTOMER		GENERAL MARKET		SHEET NUMBER		4 OF 4					

