



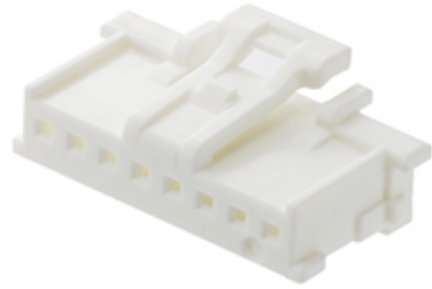
产品编号 : [513820800](#)

Product Description : 2.00mm Pitch  
MicroClasp Wire-to-Board Receptacle  
Housing, Positive Lock, Single Row, 8  
Circuits, White

系列号 : 51382

状态 : Active

Product Category : Connector Housings



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## 文件和资源

### 图纸

[图纸 513820800\\_sd.pdf](#)

### 3D 模型和设计文件

[2D 图纸 DXF 513820800.dxf](#)

[2D 图纸 DXF PDF 513820800.pdf](#)

[3D模型 513820800\\_stp.zip](#)

### 规格

[应用规格 561340000-AS-000.pdf](#)

[包装规格 513829200-200.pdf](#)

[包装规格 SPK-51382-001-001.pdf](#)

[产品规格 513820000-PS-001.pdf](#)

[产品规格 PS-51382-004-001.pdf](#)

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## 产物环境合规

### 合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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

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## 产品详情

### 常规

状态	活动
类别	Connector Housings
系列	51382
说明	2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 8 Circuits, White
应用	Signal, Wire-to-Board
产品系列	MicroClasp Wire-to-Board System
产品名称	MicroClasp
UPC	800756632308

### 机构

UL	E29179
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### 物理

电路数（最多）	8
颜色-树脂	白色
阻燃性	94V-0
性别	Receptacle
符合灼热丝规范	否
锁定插接部位	是
材料 - 树脂	Nylon
净重	410.700/mg
行数	1

包装形式	Bag
面板安装式	否
间距 - 插配接口	2.00mm
可堆叠的	否
运行温度范围	-40° to +105° C

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## 可配插/可连接使用的产品

### 可配插部件

描述	产品编号
MicroClasp Vertical Single Row Headers	<u>55932</u>
MicroClasp Right-Angle Single Row Headers	<u>55935</u>

### 可连接使用部件

描述	产品编号
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black	<a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797581001.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797581001.html</a>
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black	<a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797581002.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797581002.html</a>
MicroClasp Terminal Position Assurance (TPA) Retainers	<u>500638</u>
2.00mm Pitch Female Crimp Terminals	<u>56134</u>

NOTES

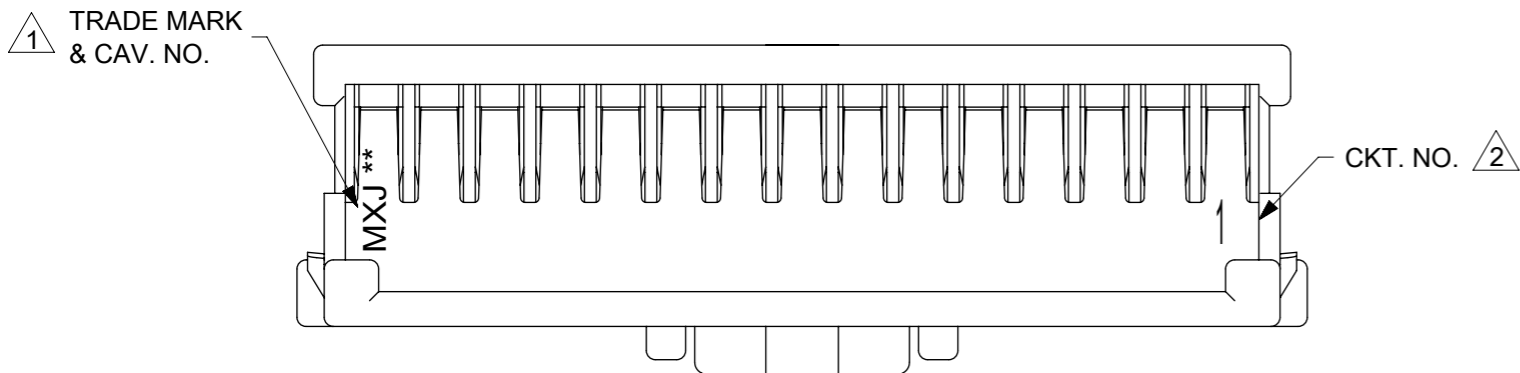
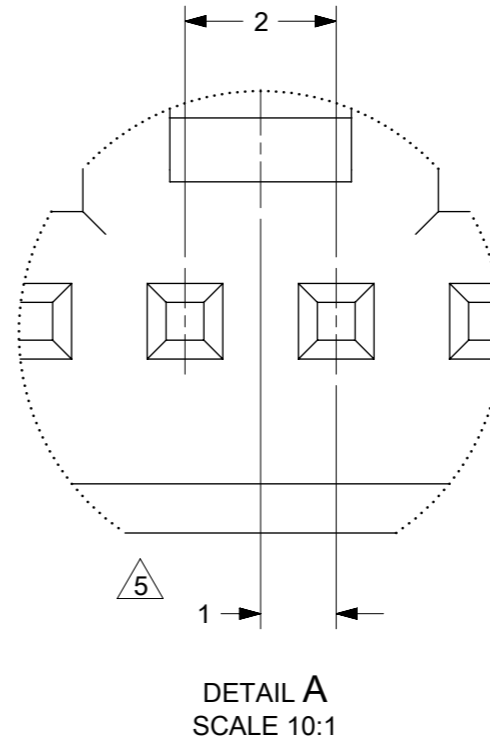
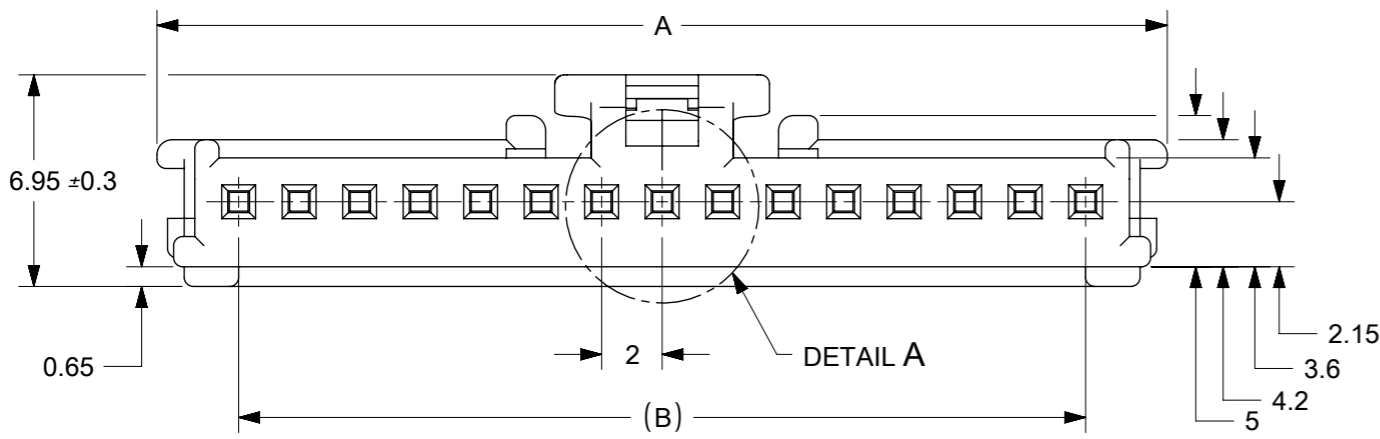
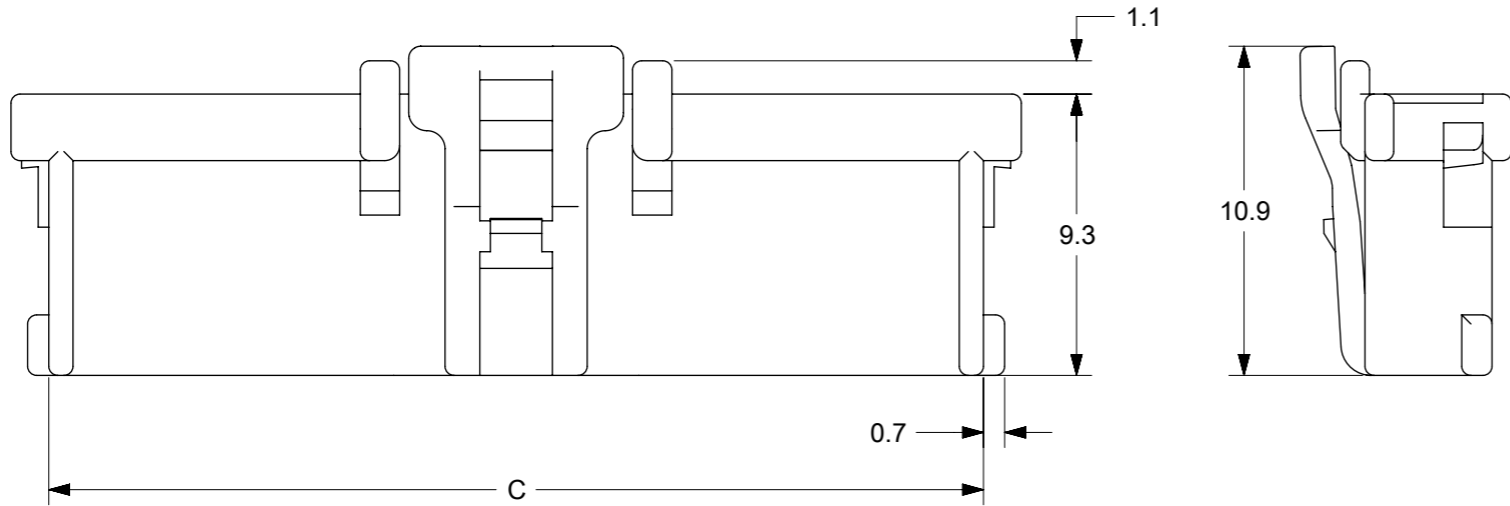
- 1 SIZE OF LETTERS 0.7 AND CLEAR.
- 2 SIZE OF LETTERS 1 AND CLEAR
- 3. APPLICABLE TERM. : 59370,56134 SERIES.
- 4. MATE WITH : 55932,55935 SERIES.
- 5 APPLY EVEN CIRCUIT
- 6. MATERIAL : 66NYLON, UL94V-0
- 7. MATERIAL NO.

5138- X X X X

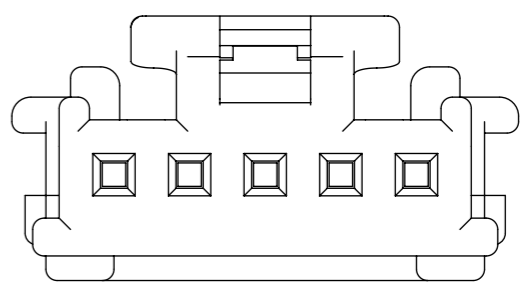
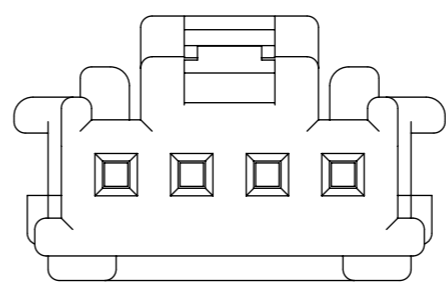
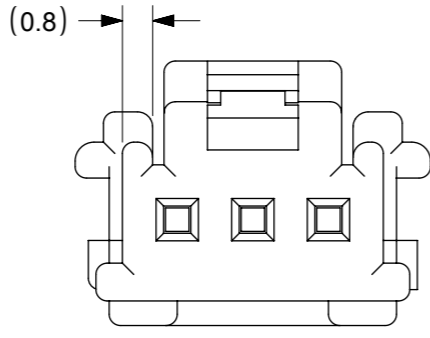
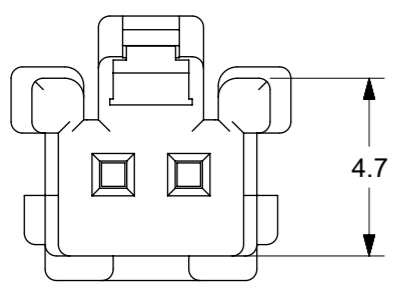
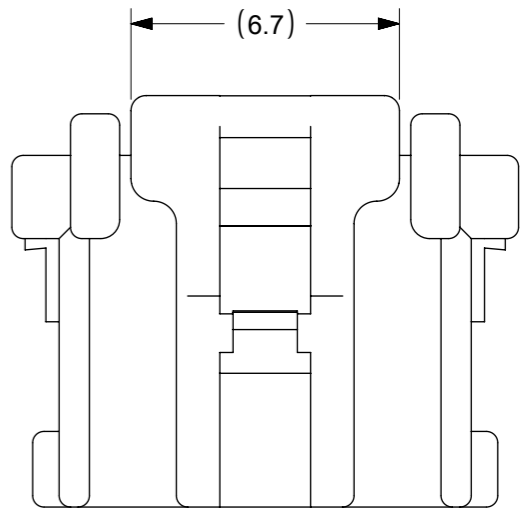
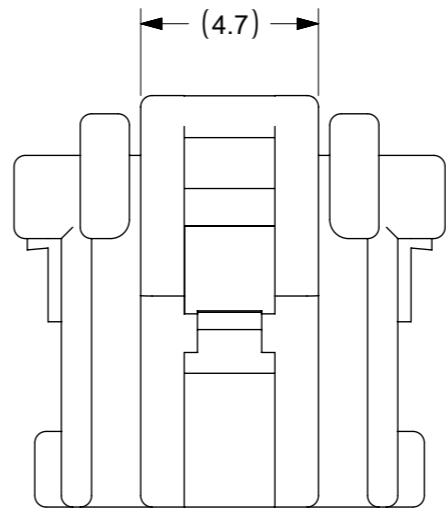
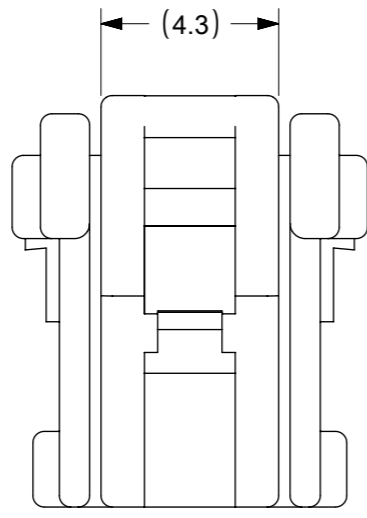
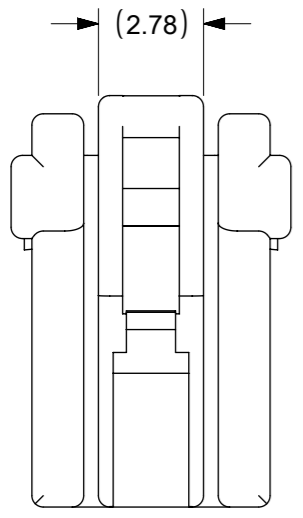
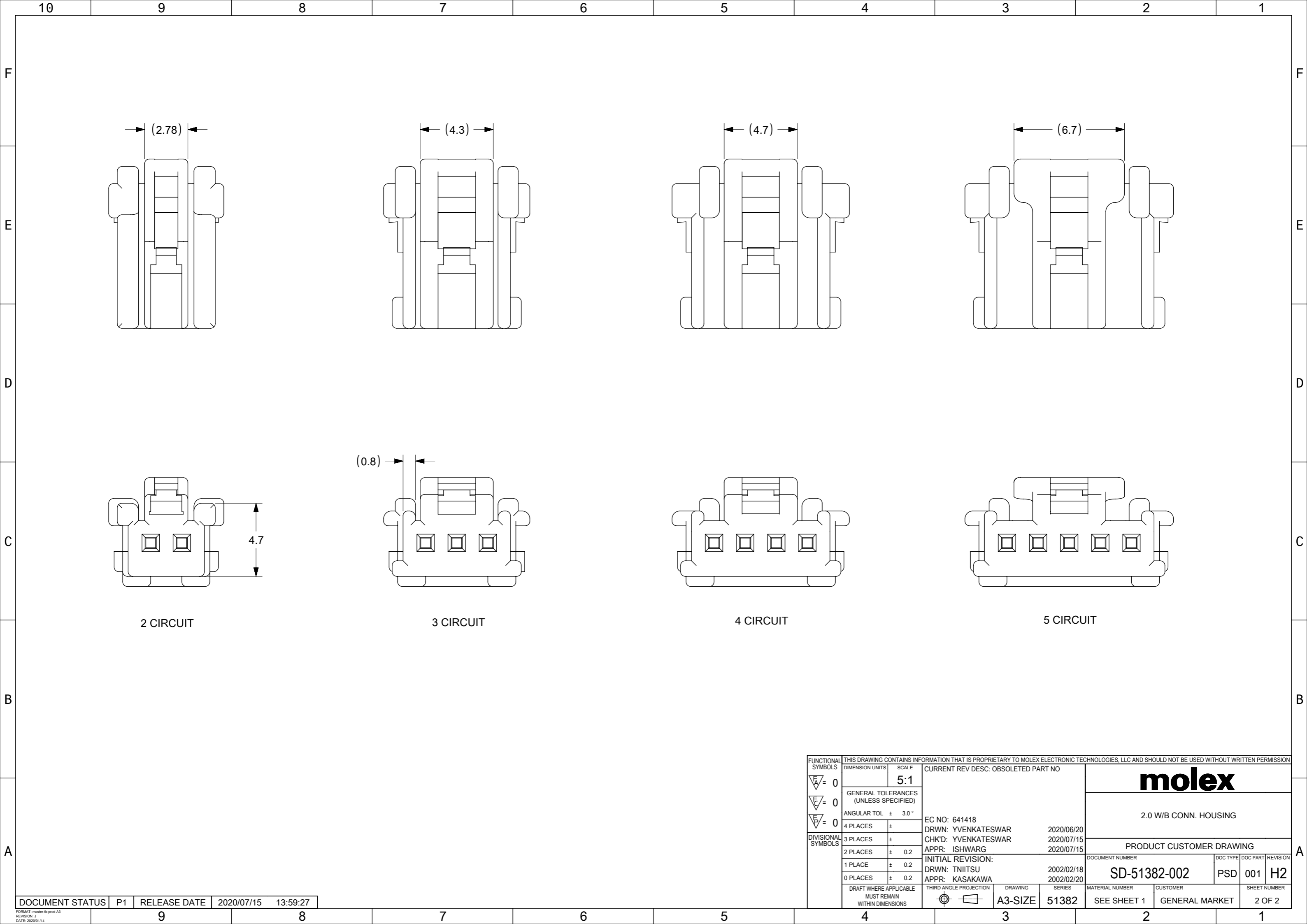
CKT COLOR

NATURAL (WHITE)	00
BLACK	01
RED	02
YELLOW	03
BLUE	04
PINK	05
GREEN	06
BROWN	07
ORANGE	08
VIOLET	09
GRAY	11
FLUORESCENCE YELLOW	13
PALE BLUE	14
YELLOWISH GREEN VO	16

CKT	MATERIAL NO.	A	B	C
2	51382-02XX	7.4	2	4.6
3	51382-03XX	9.4	4	6.9
4	51382-04XX	11.4	6	8.9
5	51382-05XX	13.4	8	10.9
6	51382-06XX	15.4	10	12.9
7	51382-07XX	17.4	12	14.9
8	51382-08XX	19.4	14	16.9
9	51382-09XX	21.4	16	18.9
10	51382-10XX	23.4	18	20.9
11	51382-11XX	25.4	20	22.9
12	51382-12XX	27.4	22	24.9
13	51382-13XX	29.4	24	26.9
14	51382-14XX	31.4	26	28.9
15	51382-15XX	33.4	28	30.9



FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 4:1	CURRENT REV DESC: OBSOLETE PART NO	
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.2 1 PLACE ± 0.2 0 PLACES ± 0.2	EC NO: 641418 DRWN: YVENKATESWAR 2020/06/20 CHK'D: YVENKATESWAR 2020/07/15 APPR: ISHWARG 2020/07/15	 2.0 W/B CONN. HOUSING PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 51382
INITIAL REVISION: DRWN: TNIITSU 2002/02/18 APPR: KASAKAWA 2002/02/20		DOCUMENT NUMBER SD-51382-002	DOC TYPE PSD	DOC PART 001
MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 2	



2 CIRCUIT

3 CIRCUIT

4 CIRCUIT

5 CIRCUIT

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/15	13:59:27
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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: OBSOLETE PART NO					
	DIMENSION UNITS	SCALE	2.0 W/B CONN. HOUSING				
$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 641418		<b>PRODUCT CUSTOMER DRAWING</b>		
ANGULAR TOL $\pm 3.0^\circ$		DRWN: YVENKATESWAR 2020/06/20					
DIVISIONAL SYMBOLS	4 PLACES $\pm$	DRWN: YVENKATESWAR 2020/07/15		DOCUMENT NUMBER			
	3 PLACES $\pm$	APPR: ISHWARG 2020/07/15		SD-51382-002			
	2 PLACES $\pm 0.2$	INITIAL REVISION:		DOC TYPE			
	1 PLACE $\pm 0.2$	DRWN: TNIITSU 2002/02/18		PSD			
0 PLACES $\pm 0.2$	APPR: KASAKAWA 2002/02/20		DOC PART		001		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	51382	SEE SHEET 1	GENERAL MARKET	2 OF 2