

产品编号 : [901230104](#)

Product Description : 2.54mm Pitch C-Grid
III Modular Crimp Housing Single Row, 2
Polarizing Buttons, 4 Circuits, Black

系列号 : 90123

状态 : Active

Product Category : Connector Housings



文件和资源

图纸

[图纸 901230104_sd.pdf](#)

[包装设计图 PK-90123-0001-001.pdf](#)

3D 模型和设计文件

[3D模型 901230104_stp.zip](#)


规格

[应用规格 901190001-AS-000.pdf](#)

[产品规格 PS-99020-0001-001.pdf](#)

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

产品详情

常规

状态	活动
类别	Connector Housings
系列	90123
说明	2.54mm Pitch C-Grid III Modular Crimp Housing Single Row, 2 Polarizing Buttons, 4 Circuits, Black
应用	Signal, Wire-to-Board
个评论	2 Polarizing Buttons
产品系列	C-Grid III Interconnects
产品名称	C-Grid III
UPC	800753707115

机构

UL	E29179
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物理

电路数（最多）	4
颜色-树脂	黑色
阻燃性	94V-1
性别	Receptacle
符合灼热丝规范	否
材料 - 树脂	PP0
净重	0.229/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	2.54mm

可堆叠的	是
运行温度范围	-55° to +105° C

进程

无铅	不适用
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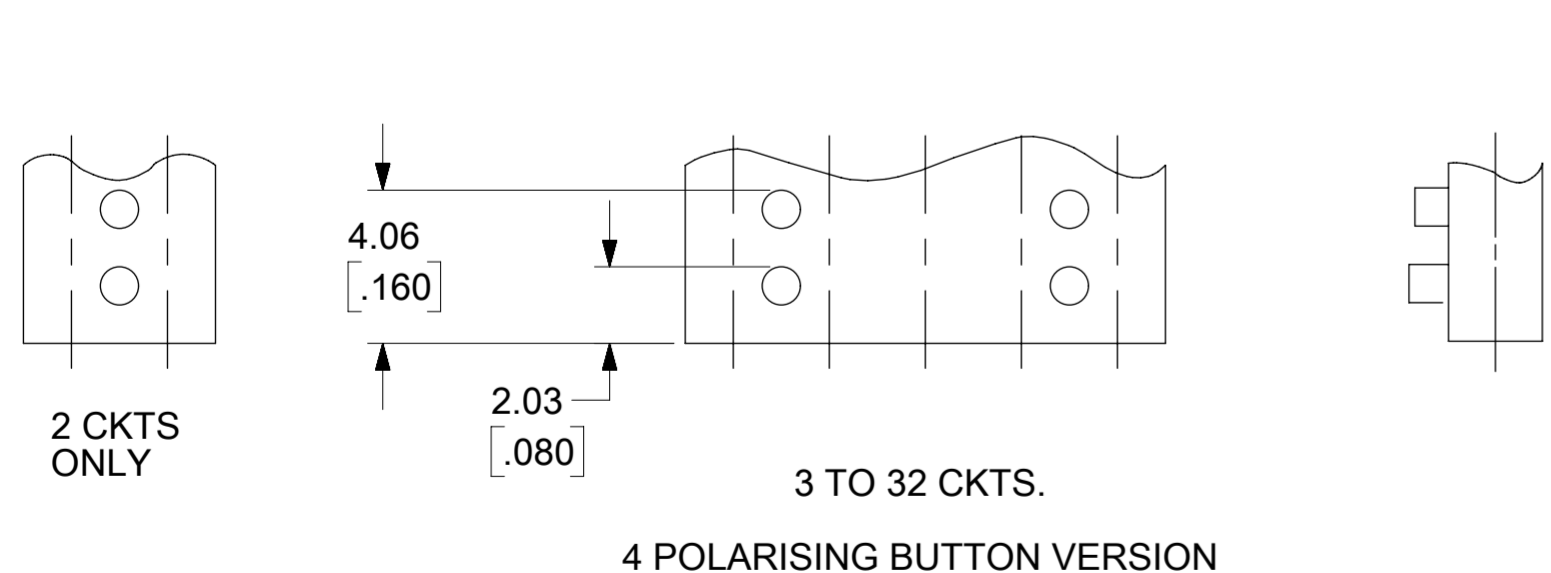
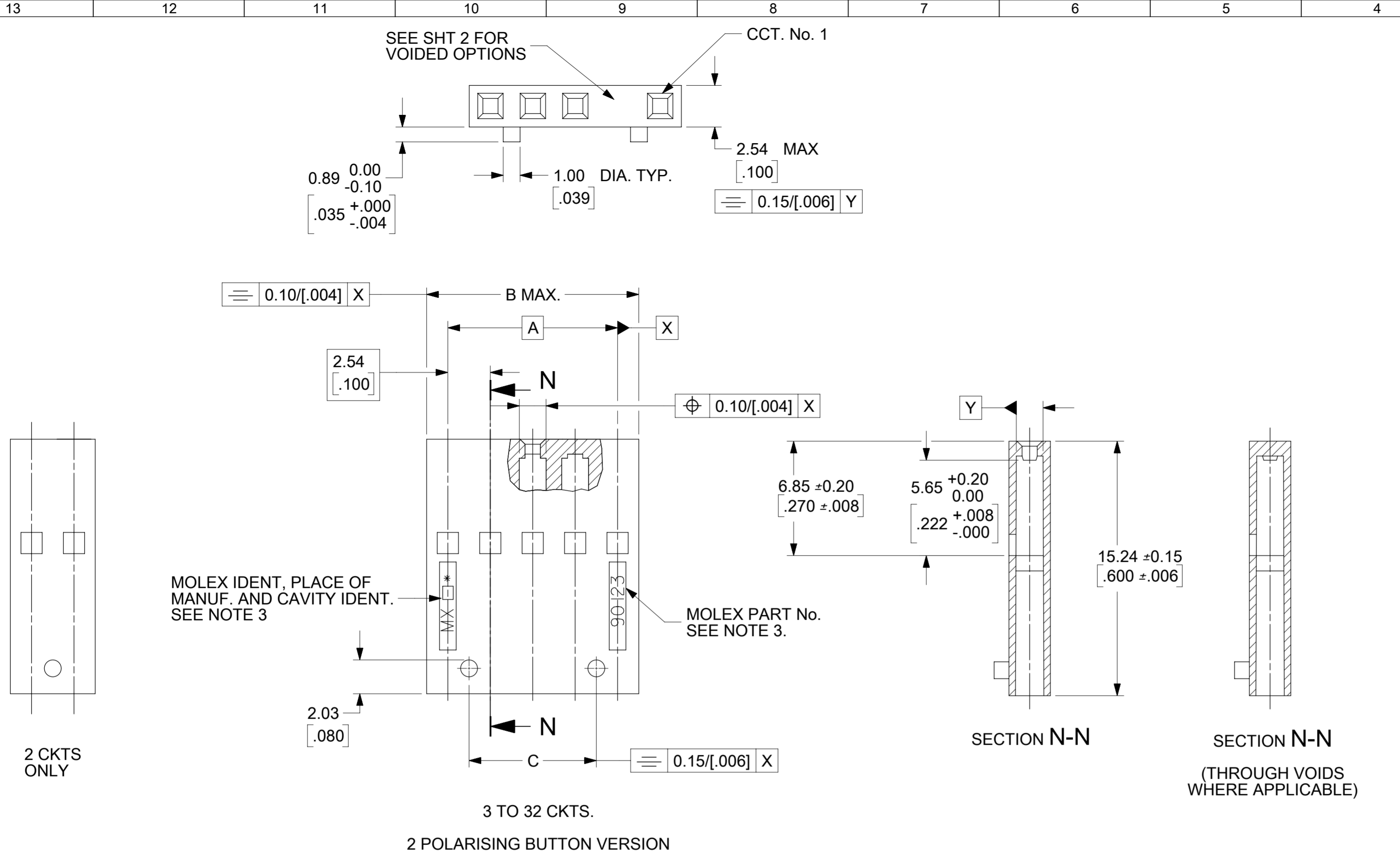
可配插/可连接使用的产品

可配插部件

描述	产品编号
C-Grid III Vertical Single Row Headers	<u>90120</u>
C-Grid III Single Row Headers	<u>90136</u>
C-Grid III Right-Angle Single Row Headers	<u>90121</u>

可连接使用部件

描述	产品编号
Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black	<u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582022.html</u>
Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black	<u>/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582023.html</u>
C-Grid III Female Crimp Terminals	<u>90119</u>



90123 - 0 * * *

INDICATES No. OF CIRCUITS

INDICATES No. OF BUTTONS
 1 - 2 BUTTONS
 2 - 4 BUTTONS

90123 - 9 9 * * VOIDED OPTIONS. PER SHT2.

NO. OF CKTS	PART NUMBER		DIM A	DIM B	DIM C
	2 BUTT'S	4 BUTT'S			
2	90123-0102	90123-0202	$\begin{matrix} 2.54 \\ [.100] \end{matrix}$	$\begin{matrix} 5.08 \\ [.200] \end{matrix}$	-----
3	90123-0103	90123-0203	$\begin{matrix} 5.08 \\ [.200] \end{matrix}$	$\begin{matrix} 7.62 \\ [.300] \end{matrix}$	$\begin{matrix} 2.54 \\ [.100] \end{matrix}$
4	90123-0104	90123-0204	$\begin{matrix} 7.62 \\ [.300] \end{matrix}$	$\begin{matrix} 10.16 \\ [.400] \end{matrix}$	$\begin{matrix} 5.08 \\ [.200] \end{matrix}$
5	90123-0105	90123-0205	$\begin{matrix} 10.16 \\ [.400] \end{matrix}$	$\begin{matrix} 12.70 \\ [.500] \end{matrix}$	$\begin{matrix} 7.62 \\ [.300] \end{matrix}$
6	90123-0106	90123-0206	$\begin{matrix} 12.70 \\ [.500] \end{matrix}$	$\begin{matrix} 15.24 \\ [.600] \end{matrix}$	$\begin{matrix} 10.16 \\ [.400] \end{matrix}$
7	90123-0107	90123-0207	$\begin{matrix} 15.24 \\ [.600] \end{matrix}$	$\begin{matrix} 17.78 \\ [.700] \end{matrix}$	$\begin{matrix} 12.70 \\ [.500] \end{matrix}$
8	90123-0108	90123-0208	$\begin{matrix} 17.78 \\ [.700] \end{matrix}$	$\begin{matrix} 20.32 \\ [.800] \end{matrix}$	$\begin{matrix} 15.24 \\ [.600] \end{matrix}$
9	90123-0109	90123-0209	$\begin{matrix} 20.32 \\ [.800] \end{matrix}$	$\begin{matrix} 22.86 \\ [.900] \end{matrix}$	$\begin{matrix} 17.78 \\ [.700] \end{matrix}$
10	90123-0110	90123-0210	$\begin{matrix} 22.86 \\ [.900] \end{matrix}$	$\begin{matrix} 25.40 \\ [1.000] \end{matrix}$	$\begin{matrix} 20.32 \\ [.800] \end{matrix}$
11	90123-0111	90123-0211	$\begin{matrix} 25.40 \\ [1.000] \end{matrix}$	$\begin{matrix} 27.94 \\ [1.100] \end{matrix}$	$\begin{matrix} 22.86 \\ [.900] \end{matrix}$
12	90123-0112	90123-0212	$\begin{matrix} 27.94 \\ [1.100] \end{matrix}$	$\begin{matrix} 30.48 \\ [1.200] \end{matrix}$	$\begin{matrix} 25.40 \\ [1.000] \end{matrix}$
13	90123-0113	90123-0213	$\begin{matrix} 30.48 \\ [1.200] \end{matrix}$	$\begin{matrix} 33.02 \\ [1.300] \end{matrix}$	$\begin{matrix} 27.94 \\ [1.100] \end{matrix}$
14	90123-0114	90123-0214	$\begin{matrix} 33.02 \\ [1.300] \end{matrix}$	$\begin{matrix} 35.56 \\ [1.400] \end{matrix}$	$\begin{matrix} 30.48 \\ [1.200] \end{matrix}$
15	90123-0115	90123-0215	$\begin{matrix} 35.56 \\ [1.400] \end{matrix}$	$\begin{matrix} 38.10 \\ [1.500] \end{matrix}$	$\begin{matrix} 33.02 \\ [1.300] \end{matrix}$
16	90123-0116	90123-0216	$\begin{matrix} 38.10 \\ [1.500] \end{matrix}$	$\begin{matrix} 40.64 \\ [1.600] \end{matrix}$	$\begin{matrix} 35.56 \\ [1.400] \end{matrix}$
17	90123-0117	90123-0217	$\begin{matrix} 40.64 \\ [1.600] \end{matrix}$	$\begin{matrix} 43.18 \\ [1.700] \end{matrix}$	$\begin{matrix} 38.10 \\ [1.500] \end{matrix}$
18	90123-0118	90123-0218	$\begin{matrix} 43.18 \\ [1.700] \end{matrix}$	$\begin{matrix} 45.72 \\ [1.800] \end{matrix}$	$\begin{matrix} 40.64 \\ [1.600] \end{matrix}$
19	90123-0119	90123-0219	$\begin{matrix} 45.72 \\ [1.800] \end{matrix}$	$\begin{matrix} 48.26 \\ [1.900] \end{matrix}$	$\begin{matrix} 43.18 \\ [1.700] \end{matrix}$
20	90123-0120	90123-0220	$\begin{matrix} 48.26 \\ [1.900] \end{matrix}$	$\begin{matrix} 50.80 \\ [2.000] \end{matrix}$	$\begin{matrix} 45.72 \\ [1.800] \end{matrix}$
21	90123-0121	90123-0221	$\begin{matrix} 50.80 \\ [2.000] \end{matrix}$	$\begin{matrix} 53.34 \\ [2.100] \end{matrix}$	$\begin{matrix} 48.26 \\ [1.900] \end{matrix}$
22	90123-0122	90123-0222	$\begin{matrix} 53.34 \\ [2.100] \end{matrix}$	$\begin{matrix} 55.88 \\ [2.200] \end{matrix}$	$\begin{matrix} 50.80 \\ [2.000] \end{matrix}$
23	90123-0123	90123-0223	$\begin{matrix} 55.88 \\ [2.200] \end{matrix}$	$\begin{matrix} 58.42 \\ [2.300] \end{matrix}$	$\begin{matrix} 53.34 \\ [2.100] \end{matrix}$
24	90123-0124	90123-0224	$\begin{matrix} 58.42 \\ [2.300] \end{matrix}$	$\begin{matrix} 60.96 \\ [2.400] \end{matrix}$	$\begin{matrix} 55.88 \\ [2.200] \end{matrix}$
25	90123-0125	90123-0225	$\begin{matrix} 60.96 \\ [2.400] \end{matrix}$	$\begin{matrix} 63.50 \\ [2.500] \end{matrix}$	$\begin{matrix} 58.42 \\ [2.300] \end{matrix}$
26	90123-0126	90123-0226	$\begin{matrix} 63.50 \\ [2.500] \end{matrix}$	$\begin{matrix} 66.04 \\ [2.600] \end{matrix}$	$\begin{matrix} 60.96 \\ [2.400] \end{matrix}$
27	90123-0127	90123-0227	$\begin{matrix} 66.04 \\ [2.600] \end{matrix}$	$\begin{matrix} 68.58 \\ [2.700] \end{matrix}$	$\begin{matrix} 63.50 \\ [2.500] \end{matrix}$
28	90123-0128	90123-0228	$\begin{matrix} 68.58 \\ [2.700] \end{matrix}$	$\begin{matrix} 71.12 \\ [2.800] \end{matrix}$	$\begin{matrix} 66.04 \\ [2.600] \end{matrix}$
29	90123-0129	90123-0229	$\begin{matrix} 71.12 \\ [2.800] \end{matrix}$	$\begin{matrix} 73.66 \\ [2.900] \end{matrix}$	$\begin{matrix} 68.58 \\ [2.700] \end{matrix}$
30	90123-0130	90123-0230	$\begin{matrix} 73.66 \\ [2.900] \end{matrix}$	$\begin{matrix} 76.20 \\ [3.000] \end{matrix}$	$\begin{matrix} 71.12 \\ [2.800] \end{matrix}$
31	90123-0131	90123-0231	$\begin{matrix} 76.20 \\ [3.000] \end{matrix}$	$\begin{matrix} 78.74 \\ [3.100] \end{matrix}$	$\begin{matrix} 73.66 \\ [2.900] \end{matrix}$
32	90123-0132	90123-0232	$\begin{matrix} 78.74 \\ [3.100] \end{matrix}$	$\begin{matrix} 81.28 \\ [3.200] \end{matrix}$	$\begin{matrix} 76.20 \\ [3.000] \end{matrix}$

- NOTES:
- MATERIAL : POLYPHENYLENE OXIDE 94 VI COLOUR BLACK.
 - BUTTONS ARE LOCATED BETWEEN CIRCUITS 1 & 2 AND N-I & N (WHERE N IS THE NUMBER OF CIRCUITS)
 - PART NO. AND CAVITY I.D TO BE 1.00 / [.040] HIGH AND RAISED 0.070 / [.003] IN 0.15 / [.006] DEEP WELL
 - PRODUCT SPECIFICATION : PS-99020-0001

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: DATUM ADDED FOR TP		molex
mm/[in]	NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 607190		C-GRID III SINGLE ROW MODULAR CRIMP CONNECTOR HOUSING
4 PLACES	\pm	DRWN: RMV02	2018/10/31	
3 PLACES	\pm	CHK'D: GJEEVANSURES	2019/04/01	
2 PLACES	\pm	APPR: ISHWARG	2019/04/02	
1 PLACE	\pm	INITIAL REVISION:		
0 PLACES	\pm	DRWN: DB		
ANGULAR TOL	\pm	APPR: J.DENNEHY	2006/05/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER
		A2-SIZE	90123	SD-90123
		MATERIAL NUMBER	CUSTOMER	DOC TYPE
		SEE CHART	GENERAL MARKET	PSD
				DOC PART
				001
				REVISION
				W
				SHEET NUMBER
				1 OF 2

90123 - 99,01,

** - OPTION NUMBER (RANDOM)

99 - 1st VOIDED SERIES

PART NUMBER	CCT SIZE	VOID LOCATIONS	FOR MISSING DIMS SEE PART NUMBERS
90123-9901	07	3	90123-0107
90123-9902	12	3	90123-0112

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DIMENSION UNITS		SCALE		CURRENT REV DESC: DATUM ADDED FOR TP				molex	
mm/[in]		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 607190		2018/10/31		C-GRID III SINGLE ROW MODULAR CRIMP CONNECTOR HOUSING	
4 PLACES ±		±		DRWN: RMV02		2019/04/01			
3 PLACES ±		± 0.004		CHK'D: GJEEVANSURES		2019/04/02		PRODUCT CUSTOMER DRAWING	
2 PLACES ±		± 0.1		APPR: ISHWARG					
1 PLACE ±		±		INITIAL REVISION:				DOCUMENT NUMBER	
0 PLACES ±		±		DRWN: DB					
ANGULAR TOL ± 0.5 °				APPR: J.DENNEHY		2006/05/22		SD-90123	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A2-SIZE		90123		SEE CHART	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								2 OF 2	