



产品编号 : [09508061](#)

Product Description : KK 3.96mm Crimp Terminal Housing, Friction Ramp, 6 Circuits, Natural

系列号 : 41695

状态 : Active

Product Category : Connector Housings

工程编号 : 41695-N-B6



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## 文件和资源

### 图纸

[图纸 009508061\\_sd.pdf](#)

[包装设计图 PK-41695-001-001.pdf](#)

### 3D 模型和设计文件

[3D模型 009508061\\_stp.zip](#)

### 规格

[产品规格 PS-08-50-001.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	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

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## 产品详情

### 常规

状态	活动
类别	Connector Housings
系列	41695
说明	KK 3.96mm Crimp Terminal Housing, Friction Ramp, 6 Circuits, Natural
应用	Power, Wire-to-Board
产品系列	KK Interconnect Systems
产品名称	KK 396
UPC	800754227742

### 机构

CSA	LR19980
UL	E29179

### 物理

断开	否
电路数（最多）	6
颜色-树脂	Natural
阻燃性	94V-0
性别	Receptacle
符合灼热丝规范	否
插接极性	无
锁定插接部位	是
材料 - 树脂	Polyester

净重	2.105/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	3.96mm
运行温度范围	See Product Specification

## 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
KK 396 Vertical Breakaway Headers	<u>41661</u>
KK 396 Right-Angle Breakaway Headers	<u>41662</u>
KK 396 Vertical Square Pin Breakaway Headers	<u>41671</u>
KK 396 Right-Angle Friction Lock Breakaway Headers	<u>41672</u>
KK 396 Vertical Headers with Friction Lock	<u>41791</u>
KK 396 Right-Angle Headers with Friction Lock	<u>41792</u>

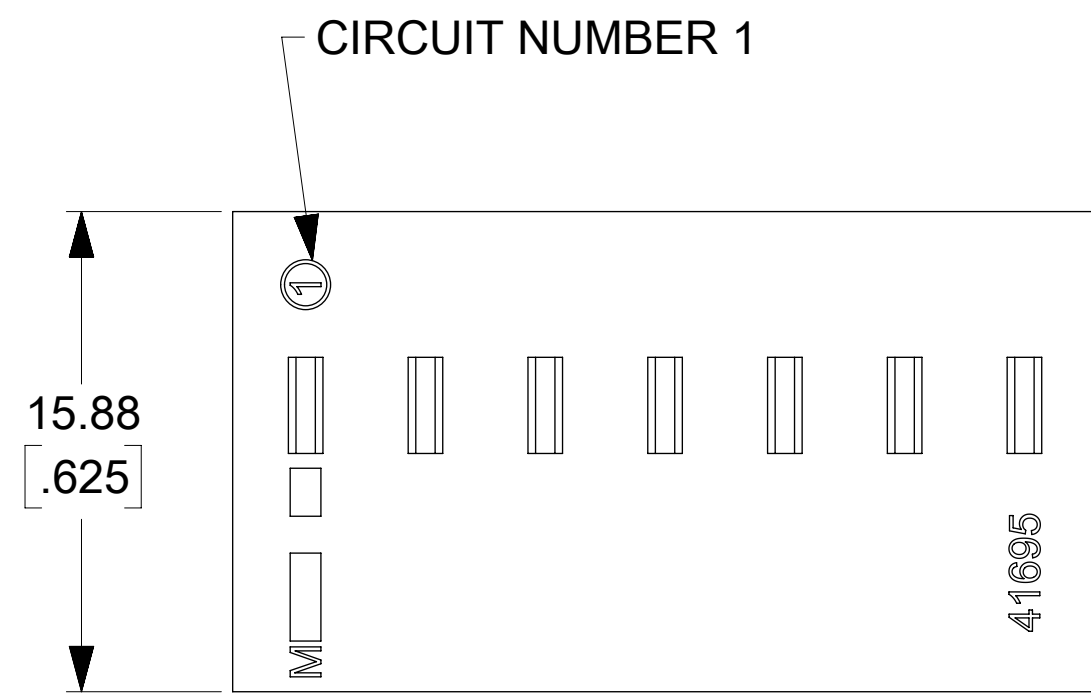
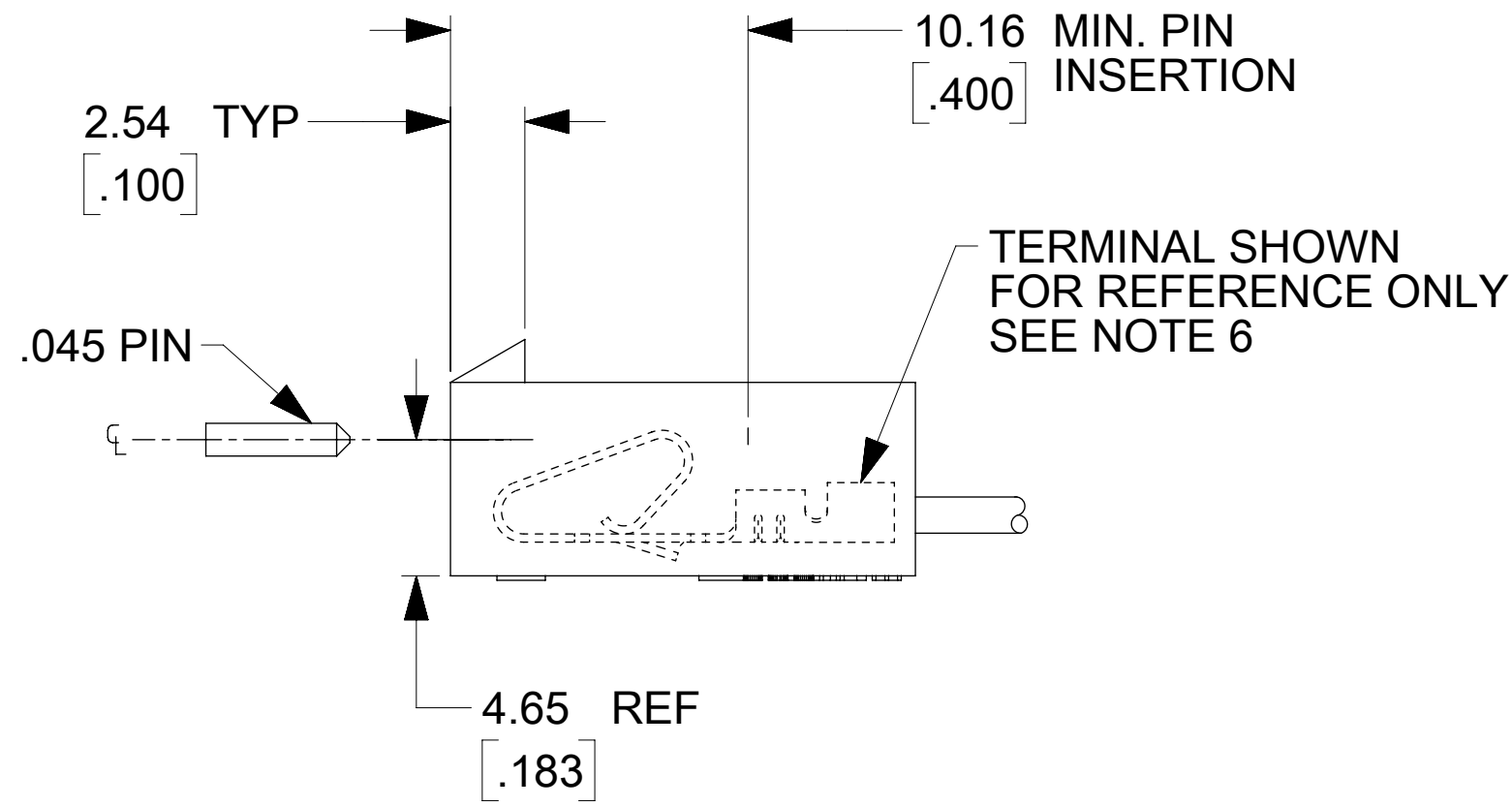
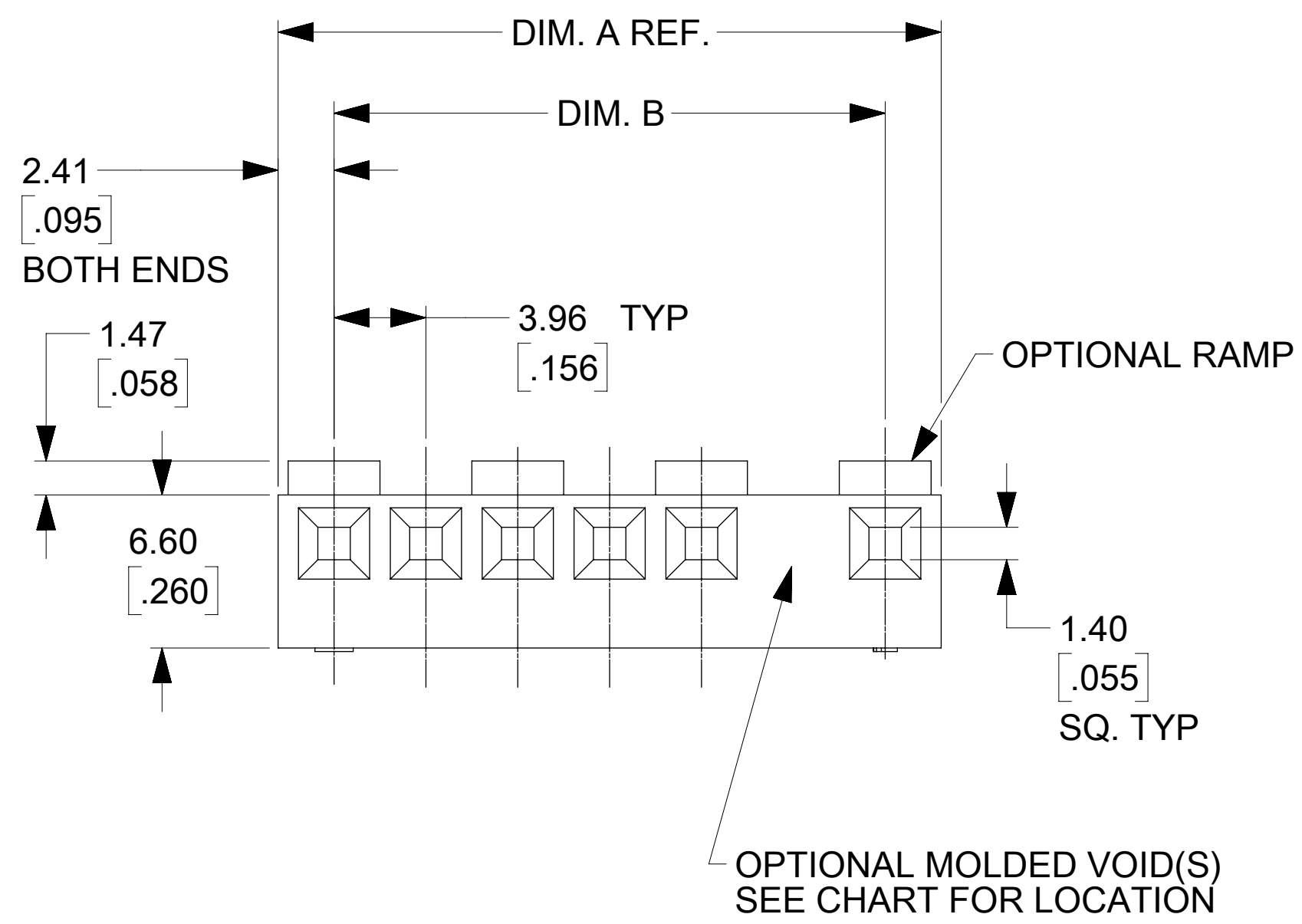
### 可连接使用部件

描述	产品编号
Pre-Crimped Lead KK Plus 396 Female-to-KK Plus 396 Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582145.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582145.html</a></u>
Pre-Crimped Lead KK Plus 396 Female-to-KK Plus 396 Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Black	<u><a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582146.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797582146.html</a></u>
KK 396 Female Crimp Terminals	<u>2478</u>
KK 396 Female Crimp Terminals	<u>2578</u>
Female Crimp Terminals for 3.96mm Pitch Housings	<u>45570</u>

KK Trifurcon Female Crimp Terminals	<u>6838</u>
KK Trifurcon Female Crimp Terminals	<u>7258</u>

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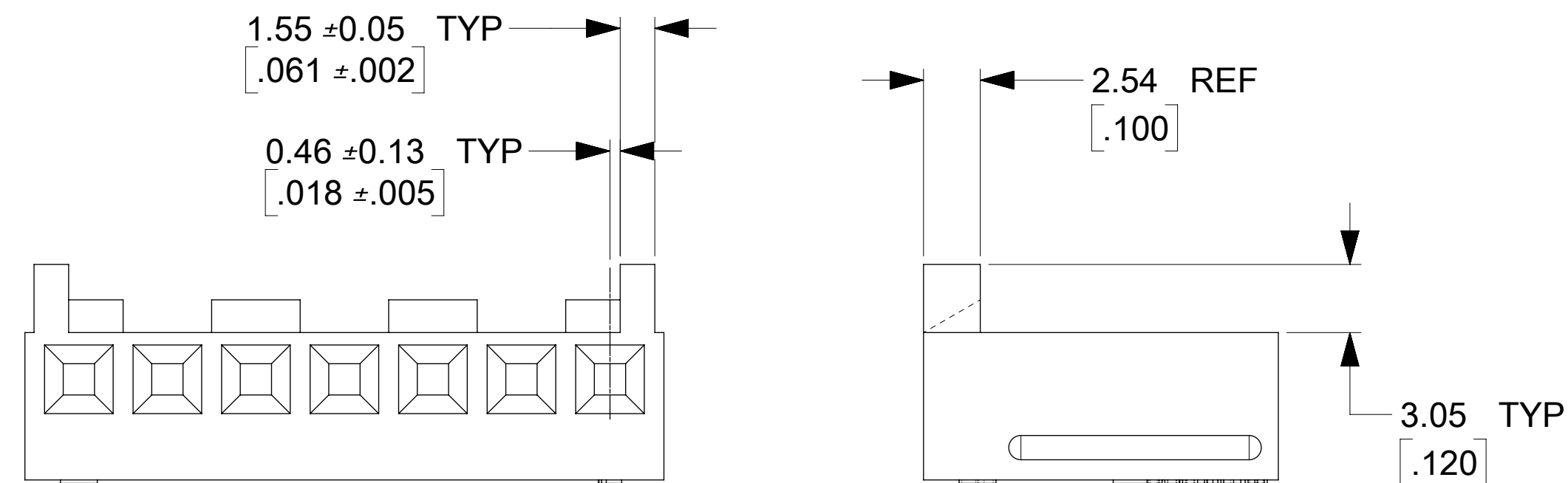
This document was generated on Mar 25, 2024



- NOTES:
1. MATERIAL: N - GLASS FILLED POLYESTER, UL94V-0, MOLDED NATURAL
  2. FINISH: SEE TERMINAL DRAWINGS
  3. PRODUCT SPECIFICATION: PS-08-50, PS-40-02, AND PS-45570-001
  4. PACKAGING INFORMATION: SEE LEGEND
  5. MATES WITH 3.96/(1.56) CENTER HEADERS AND 1.14/(.045) SQUARE OR ROUND PINS
  6. HOUSING ACCEPTS STANDARD TERMINAL NOS.:  
 2478 (18-24 AWG) WITH 2.79/(.110) MAX. INSULATION DIA.  
 2578 (22-26 AWG) WITH 1.65/(.065) MAX. INSULATION DIA.  
 OR TRIFURCON TERMINAL NOS.:  
 6838 (18-24 AWG) WITH 2.79/(.110) MAX. INSULATION DIA.  
 7258 (22-26 AWG) WITH 1.65/(.065) MAX. INSULATION DIA.  
 OR MARKK TERMINAL NO.:  
 45570 (18-20 AWG) WITH 3.12/(.123) MAX. INSULATION DIA.
  7. BOW .006 MM/MM / (.006 IN/IN).
  8. (0.13)/.005 MAX. FLASH ALLOWED ALONG DIMENSION B AND IN LOCKING WINDOW.
  9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  10. GEOMETRY ON THIS SHEET APPLIES TO 7-14 CIRCUIT PARTS WITH WINDOW GEOMETRY. SEE SHEET 2 FOR 7-14 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY. SEE SHEET 3 FOT 2-6 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.

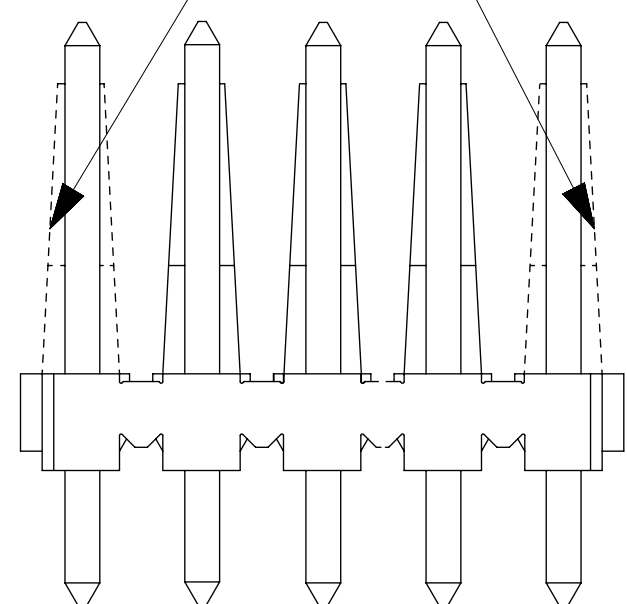
NO. OF CKTS.	DIM. A REF.	DIM. B
2	8.79 (.346)	3.96±0.05 (.156±.002)
3	12.75 (.502)	7.92±0.08 (.312±.003)
4	16.71 (.658)	11.89±0.08 (.468±.003)
5	20.67 (.814)	15.85±0.08 (.624±.003)
6	24.64 (.970)	19.81±0.10 (.780±.004)
7	28.60 (1.126)	23.77±0.10 (.936±.004)
8	32.56 (1.282)	27.74±0.10 (1.092±.004)
9	36.53 (1.438)	31.70±0.10 (1.248±.004)
10	40.49 (1.594)	35.66±0.15 (1.404±.006)
11	44.45 (1.750)	39.62±0.15 (1.560±.006)
12	48.41 (1.906)	43.59±0.15 (1.716±.006)
13	52.37 (2.062)	47.55±0.15 (1.872±.006)
14	56.34 (2.218)	51.51±0.18 (2.028±.007)

**OPTION CODE D**  
WITH RAMPS AND POLARIZING RIBS



WHEN MATING WITH BREAKAWAY HEADERS THE FRICTION LOCK WALL MUST BE REMOVED

WHEN MATING OPTION CODE D HOUSING WITH BREAKAWAY FRICTION LOCK OR POLARIZING HEADER, THE END FRICTION LOCKS OR POLARIZING WALLS MUST BE REMOVED.



41695 - \* - \* N - ##

MATERIAL CODE  
N=MOLDED NATURAL

VOID CODE  
BLANK=NO VOIDS  
NO.=NO. CORRESPONDS TO CKT. NO. VOIDED  
MULT. VOIDS=START WITH 51

OPTION CODE

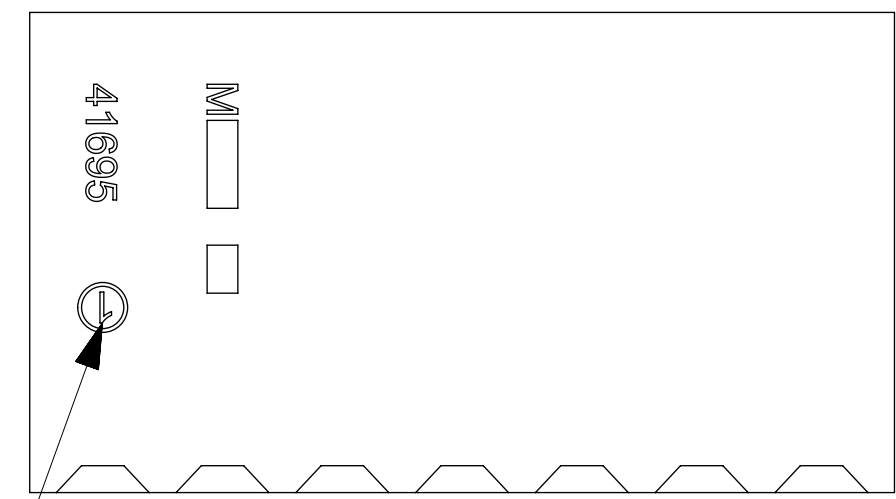
CODE	RAMP	POLARIZING RIBS	PACKAGE PER
A	NO	NO	BULK PK-41695-001
B	YES	NO	BULK PK-41695-001
D	YES	YES	BULK PK-41695-001

NO. OF CKTS.

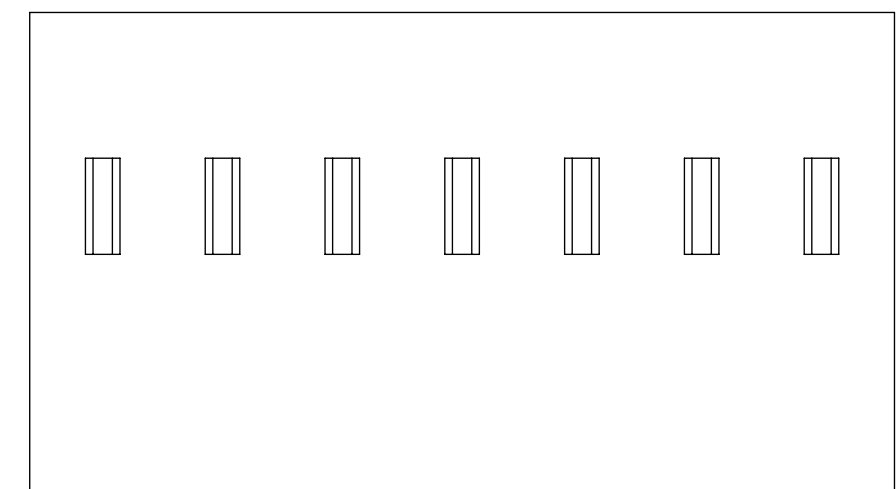
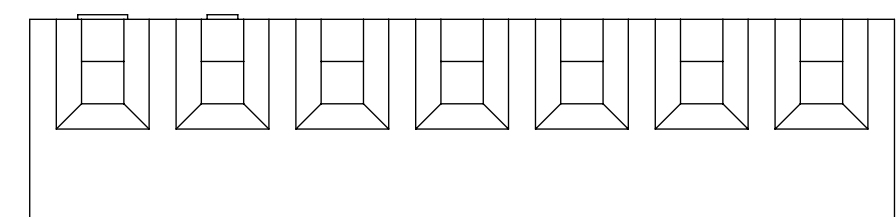
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>MM/IN</b>	SCALE <b>4:1</b>	CURRENT REV DESC: 7-14CKT PROD CHANGE		<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 177792					
4 PLACES ±	±	DRWN: RLALSANGI 2018/03/28		PRODUCT CUSTOMER DRAWING			
3 PLACES ±	± 0.005	CHK'D: SS06 2018/06/08		DOCUMENT NUMBER			
2 PLACES ±	± 0.13 ± 0.01	APPR: ISHWARG 2018/06/08		SD-41695			
1 PLACE ±	± 0.25 ±	INITIAL REVISION:		DOC TYPE DOC PART REVISION			
0 PLACES ±	±	DRWN: SKOWRONSKI 1986/04/05		PSD 001 L			
ANGULAR TOL ±	± 0.5 °	APPR: FSMITH 2012/01/13		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			<b>D-SIZE</b>	<b>41695</b>	SEE CHART	GENERAL MARKET	1 OF 3

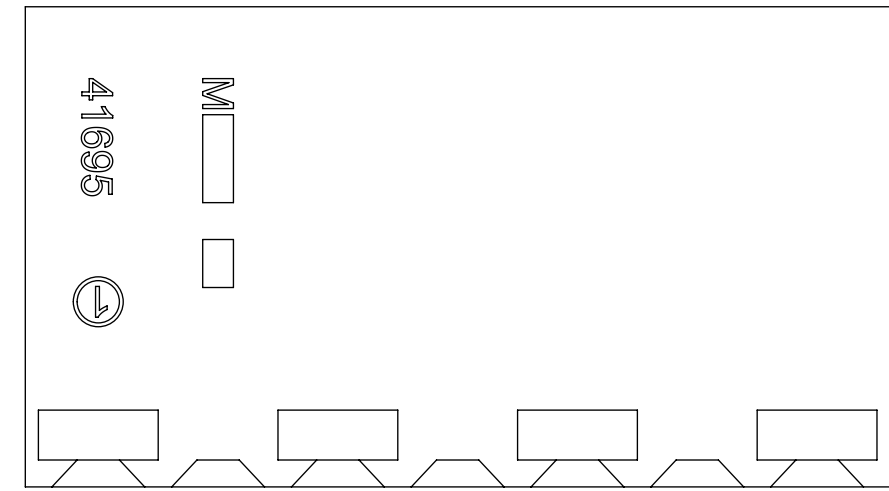
### OPTION CODE A



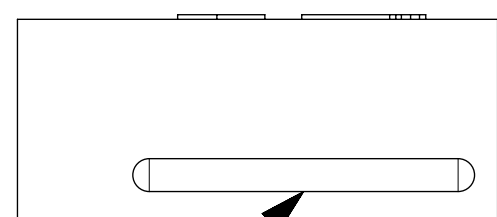
CIRCUIT NUMBER 1



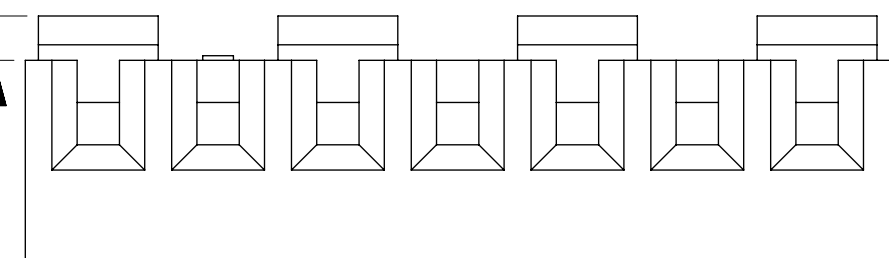
### OPTION CODE B



1.47 REF  
[.058]

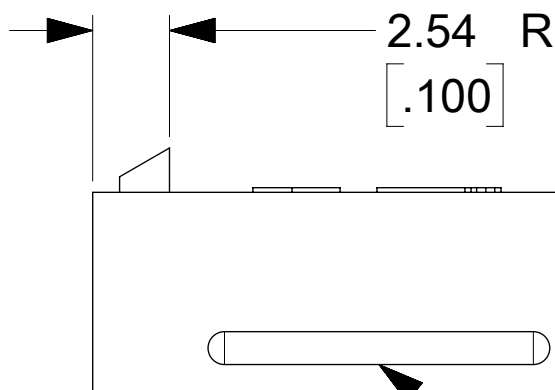


GROOVE MAY BE PRESENT  
(BOTH SIDES)



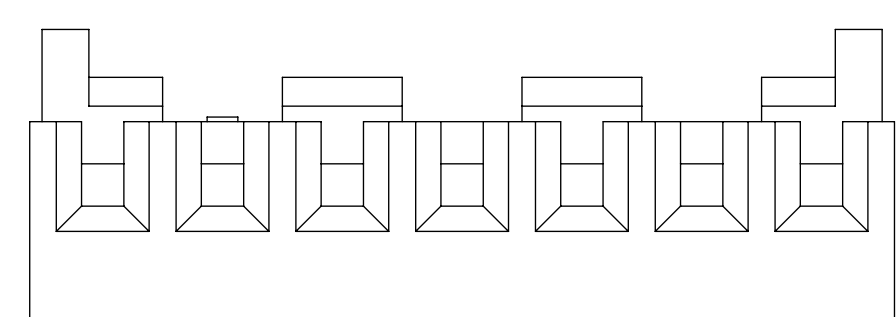
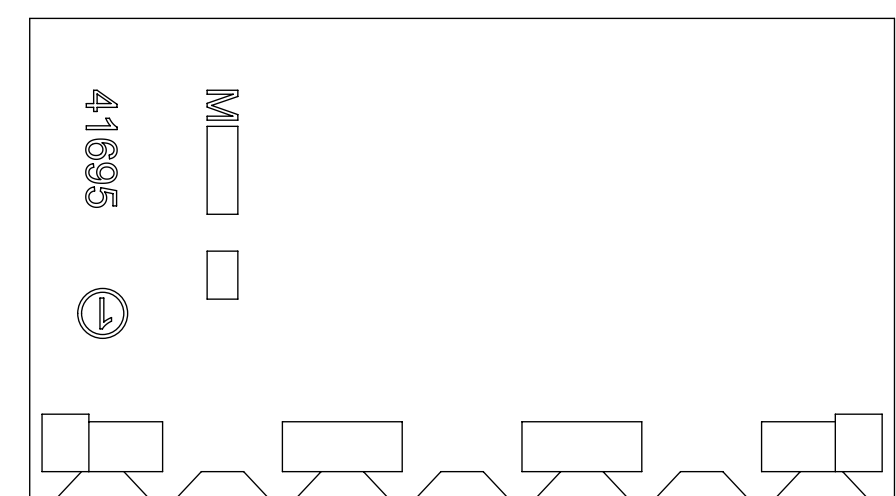
2.54 REF  
[.100]

GROOVE MAY BE PRESENT  
(BOTH SIDES)



NOTES:  
GEOMETRY ON THIS SHEET APPLIES TO 7-14 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.  
SEE SHEET 1 FOR ALL OTHER DIMENSIONS.

### OPTION CODE D

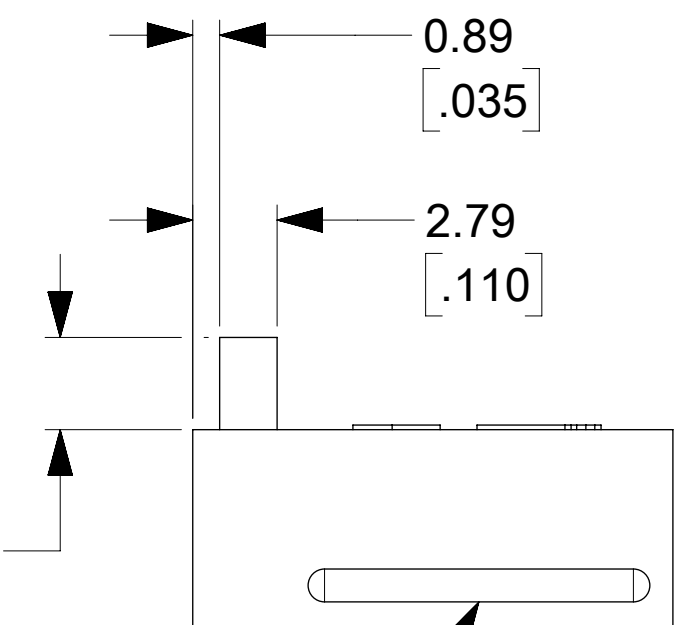


0.89  
[.035]

2.79  
[.110]

3.05 REF  
[.120]

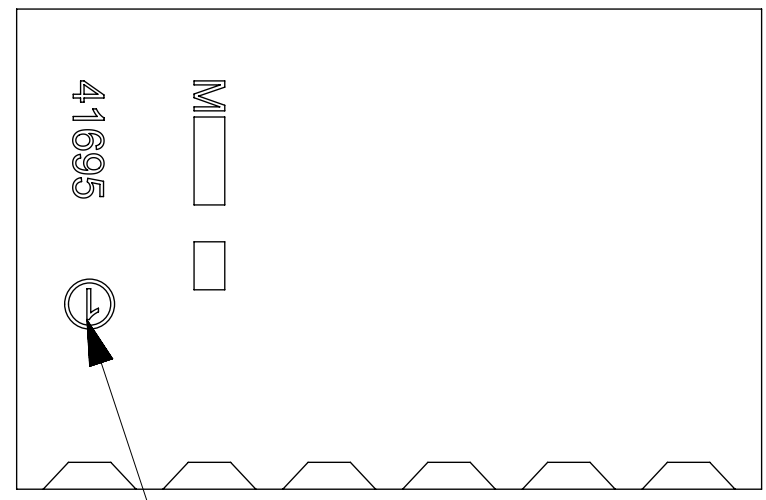
GROOVE MAY BE PRESENT  
(BOTH SIDES)



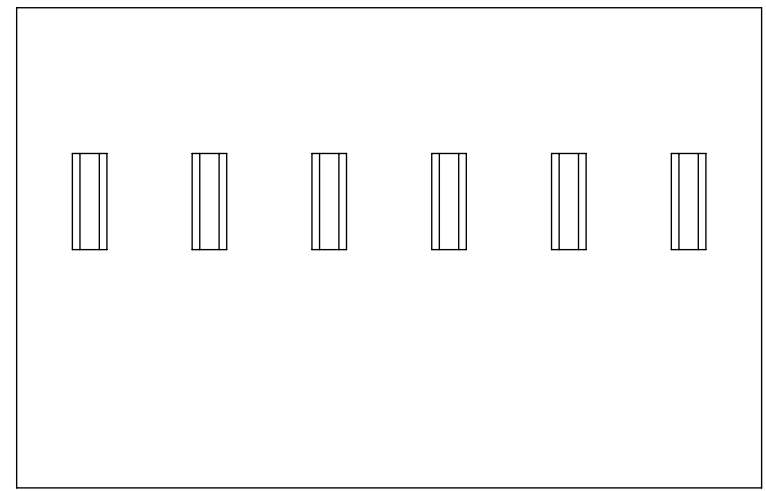
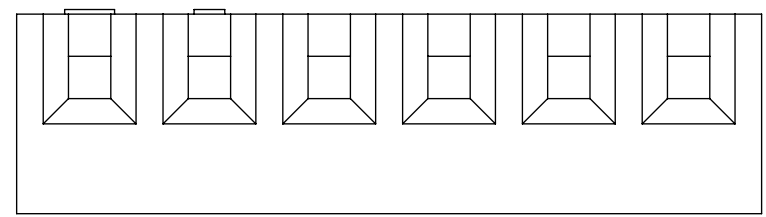
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DIMENSION UNITS		SCALE		CURRENT REV DESC: 7-14CKT PROD CHANGE				<b>molex</b>					
MM/IN		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177792				KK (3.96)/.156 CRIMP TERMINAL HOUSING					
4 PLACES		±	±	DRWN: RLALSANGI		2018/03/28		PRODUCT CUSTOMER DRAWING					
3 PLACES		±	± 0.005	CHK'D: SS06		2018/06/08		DOCUMENT NUMBER					
2 PLACES		±	± 0.01	APPR: ISHWARG		2018/06/08		SD-41695		DOC TYPE	DOC PART	REVISION	
1 PLACE		±	±	INITIAL REVISION:									
0 PLACES		±	±	DRWN: SKOWRONSKI		1986/04/05		SEE CHART		PSD	001	L	
ANGULAR TOL		±	± 0.5°	APPR: FSMITH		2012/01/13		GENERAL MARKET		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		CUSTOMER		SHEET NUMBER	
						D-SIZE		41695		GENERAL MARKET		2 OF 3	

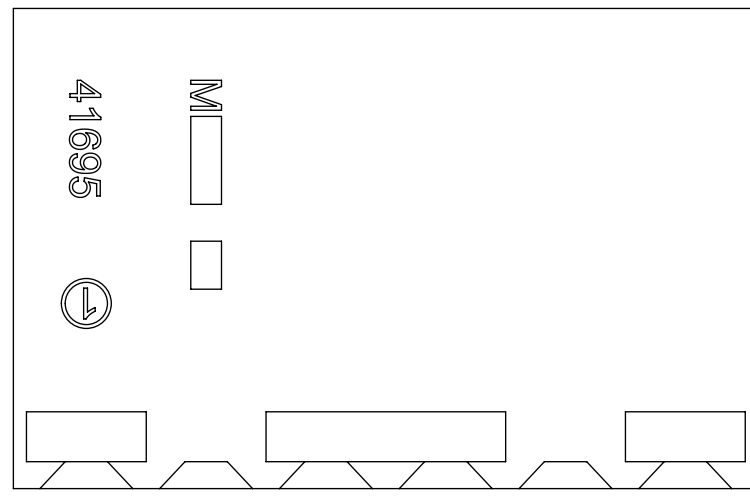
### OPTION CODE A



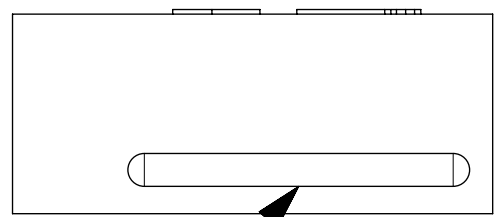
CIRCUIT NUMBER 1



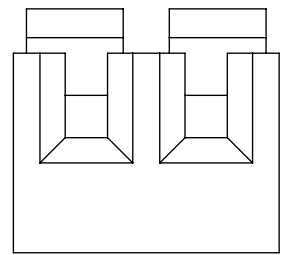
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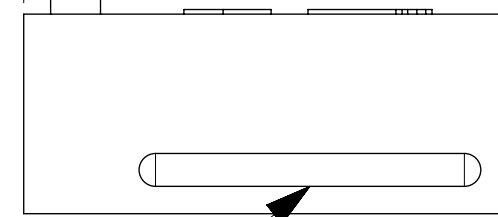
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[.058]



GROOVE MAY BE PRESENT (BOTH SIDES)

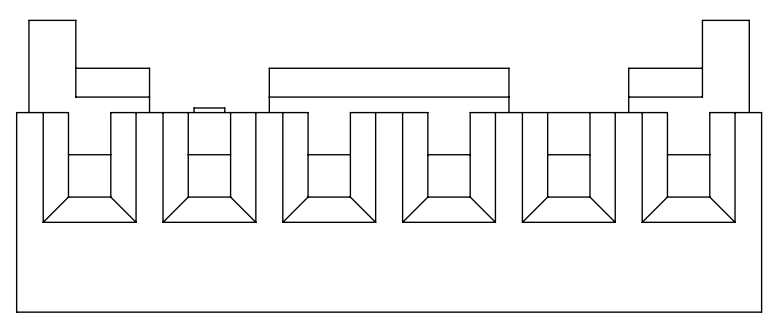
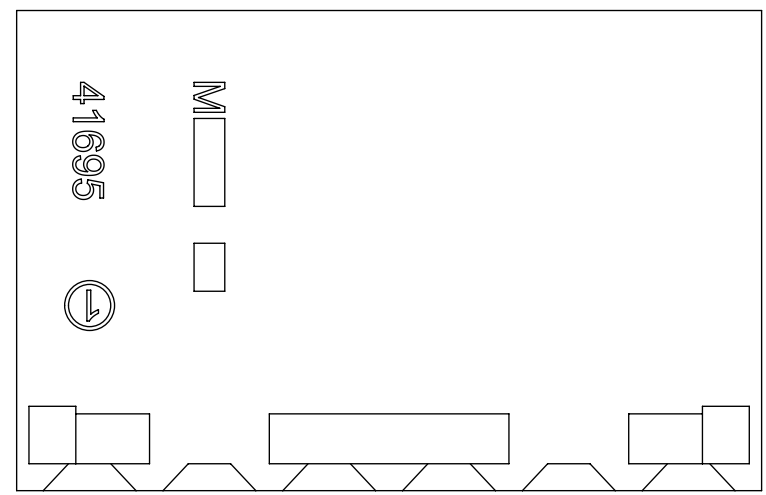


2.54 REF  
[.100]



GROOVE MAY BE PRESENT (BOTH SIDES)

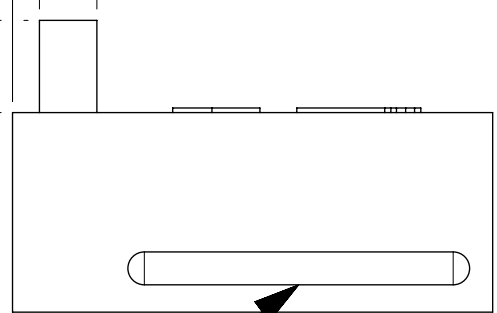
### OPTION CODE D



3.05 REF  
[.120]

0.89  
[.035]

2.79  
[.110]



GROOVE MAY BE PRESENT (BOTH SIDES)

NOTES:  
GEOMETRY ON THIS SHEET APPLIES TO 2-6 CIRCUIT PARTS WITHOUT WINDOW GEOMETRY.  
SEE SHEET 1 FOR ALL OTHER DIMENSIONS.

41695-N-AN-*		
PART NO.	ENG. NO.	VOIDS
	NOT AVAILABLE	
09-50-8020	41695-N-A2	
09-50-8030	41695-N-A3	
09-50-8040	41695-N-A4	
09-50-8050	41695-N-A5	
09-50-8060	41695-N-A6	
09-50-8070	41695-N-A7	
09-50-8080	41695-N-A8	
09-50-8090	41695-N-A9	
09-50-8100	41695-N-A10	
09-50-8110	41695-N-A11	
09-50-8120	41695-N-A12	
09-50-9085	41695-N-A8-2	2
41695-0001	41695-N-A6-3	3
41695-0002	41695-N-A5-4	4

41695-N-BN-*		
PART NO.	ENG. NO.	VOIDS
	NOT AVAILABLE	
09-50-8021	41695-N-B2	
09-50-8031	41695-N-B3	
09-50-8041	41695-N-B4	
09-50-8051	41695-N-B5	
09-50-8061	41695-N-B6	
09-50-8071	41695-N-B7	
09-50-8081	41695-N-B8	
09-50-8091	41695-N-B9	
09-50-8101	41695-N-B10	
09-50-8111	41695-N-B11	
09-50-8121	41695-N-B12	
09-50-8131	41695-N-B13	
09-50-8141	41695-N-B14	
09-50-9030	41695-N-B3-2	2
	41695-N-B4-2	2
	41695-N-B5-2	2
	41695-N-B9-2	2
	41695-N-B11-2	2
09-50-9121	41695-N-B12-2	2
	41695-N-B14-2	2
09-50-9060	41695-N-B6-5	5
09-50-9070	41695-N-B7-6	6
09-50-9071	41695-N-B7-2	2
09-50-9040	41695-N-B4-3	3
09-50-9090	41695-N-B9-7	7
	41695-N-B14-13	13
09-50-9136	41695-N-B13-5	5
09-50-9137	41695-N-B13-8	8
09-50-9050	41695-N-B5-51	2,4
09-50-9061	41695-N-B6-3	3
09-50-9080	41695-N-B8-2	2
41695-0005	41695-N-B7-3	3
41695-0006	41695-N-B14-51	5,9

41695-N-DN-*		
PART NO.	ENG. NO.	VOIDS
	NOT AVAILABLE	
09-50-8023	41695-N-D2	
09-50-8033	41695-N-D3	
09-50-8043	41695-N-D4	
09-50-8053	41695-N-D5	
09-50-8063	41695-N-D6	
09-50-8073	41695-N-D7	
09-50-8083	41695-N-D8	
09-50-8093	41695-N-D9	
09-50-8103	41695-N-D10	
09-50-8113	41695-N-D11	
09-50-8123	41695-N-D12	
09-50-8133	41695-N-D13	
09-50-8143	41695-N-D14	
09-50-9053	41695-N-D5-2	2
09-50-9094	41695-N-D9-3	3
09-50-9033	41695-N-D3-2	2
09-50-9043	41695-N-D4-2	2
09-50-9063	41695-N-D6-2	2
09-50-9073	41695-N-D7-2	2
09-50-9044	41695-N-D4-3	3
41695-0003	41695-N-D07-5	5

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DIMENSION UNITS <b>MM/IN</b>	SCALE <b>4:1</b>	CURRENT REV DESC: 7-14CKT PROD CHANGE
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 177792
4 PLACES ±	±	DRWN: RLALSANGI 2018/03/28
3 PLACES ±	± 0.005	CHK'D: SS06 2018/06/08
2 PLACES ±	± 0.13 ± 0.01	APPR: ISHWARG 2018/06/08
1 PLACE ±	± 0.25 ±	INITIAL REVISION:
0 PLACES ±	±	DRWN: SKOWRONSKI 1986/04/05
ANGULAR TOL ±	± 0.5 °	APPR: FSMITH 2012/01/13
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING SERIES <b>D-SIZE 41695</b>

KK (3.96)/.156 CRIMP TERMINAL HOUSING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: **SD-41695**    DOC TYPE: PSD    DOC PART: 001    REVISION: L

MATERIAL NUMBER: SEE CHART    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 3 OF 3