



产品编号：15060100

系列号：42474

Product Category：Connector Housings

Product Description：Mini-Fit BMI  
Receptacle Housing, 4.20mm Pitch, Dual Row  
with Panel Mount Ears, PA Polyamide Nylon  
6/6, UL 94V-2, 10 Circuits

状态：Active

工程编号：42474-1011

文件和资源

图纸

图纸 015060100\_sd.pdf

3D 模型和设计文件

3D模型 015060100\_stp.zip

规格

包装规格 PK-42474-001-001.pdf

产品规格 PS-45750-001-001.pdf

产品规格 55560002-PS-CH-000.pdf

产品规格 55560002-PS-ES-000.pdf


产品规格 55560002-PS-SK-000.pdf

产品规格 PS-5556-002-001.pdf

测试摘要 TS-5556-002-001.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)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

- 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	42474
说明	Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 10 Circuits
应用	Power, Wire-to-Board, Wire-to-Wire
个评论	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information.
产品系列	Mini-Fit Family Power Connectors
产品名称	Mini-Fit BMI
UPC	800753748330

机构

CSA	LR19980
UL	E29179

物理

断开	否
电路数（最多）	10
颜色-树脂	Natural
阻燃性	94V-2
性别	Receptacle

符合灼热丝规范	否
锁定插接部位	无
材料 - 树脂	Nylon
净重	4.668/g
行数	2
包装形式	Bag
面板安装式	是
间距 - 插配接口	4.20mm
间距 - 终端界面	4.20mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° 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

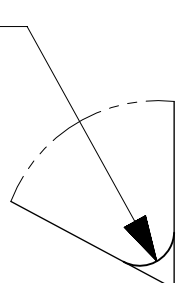
可配插部件

描述	产品编号
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>43879</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>42404</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>42440</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>43810</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>44068</u>

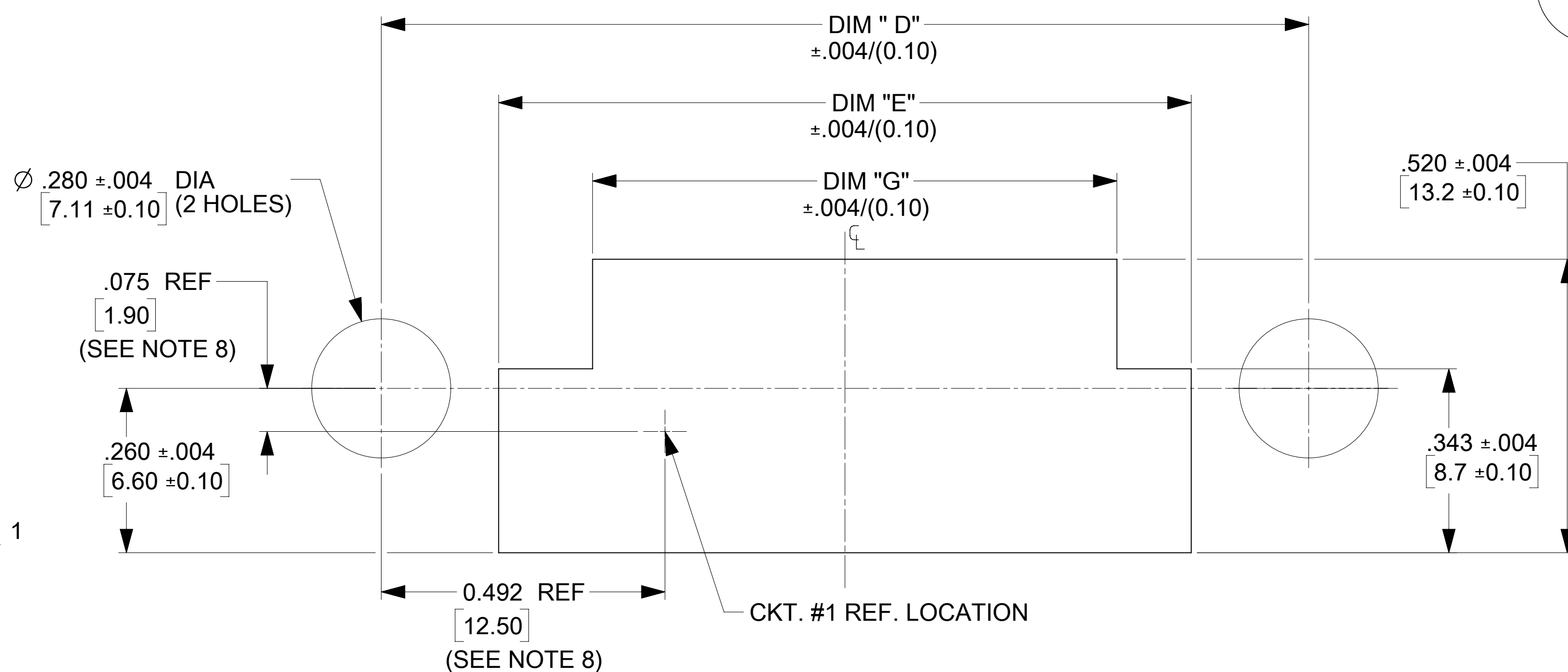
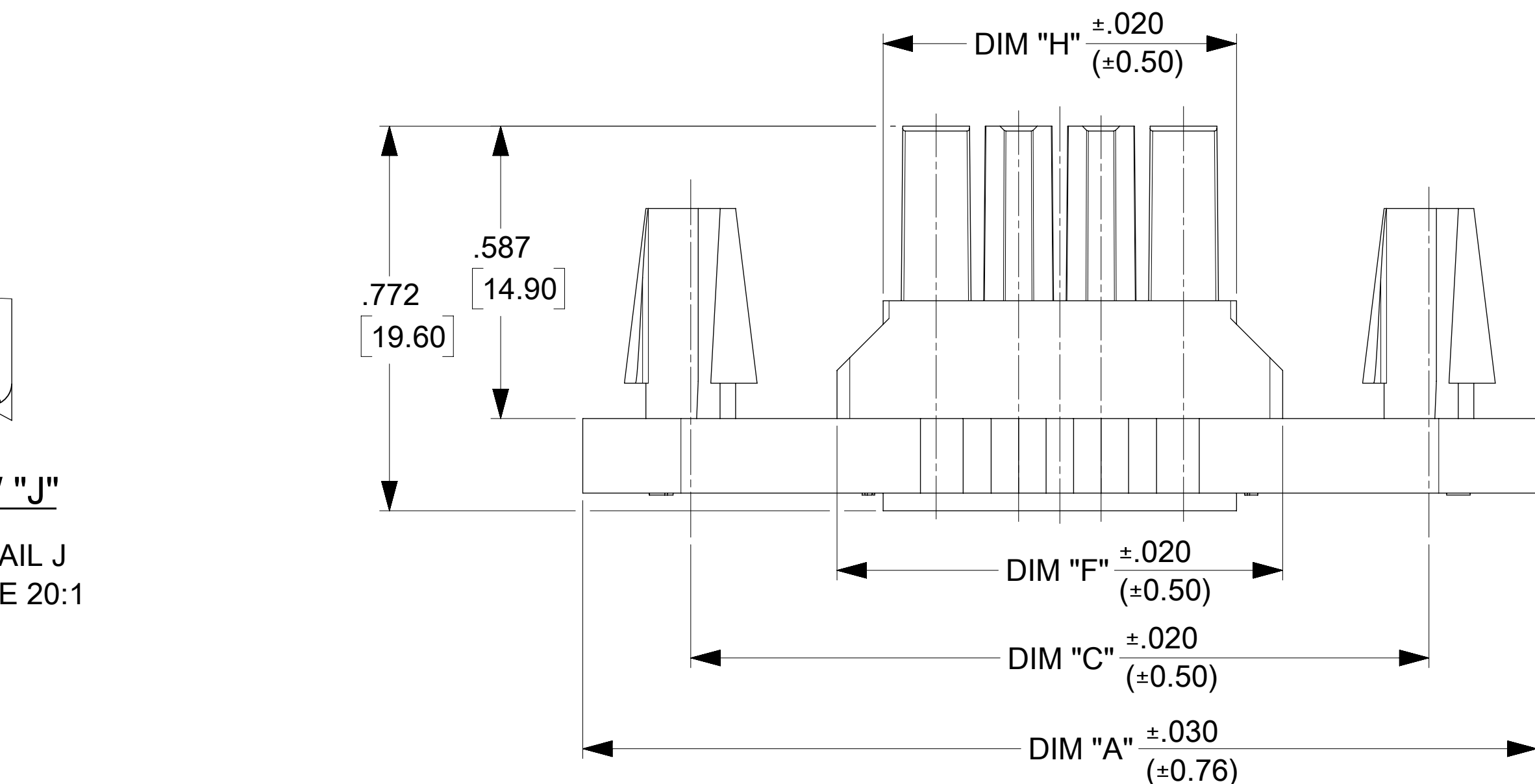
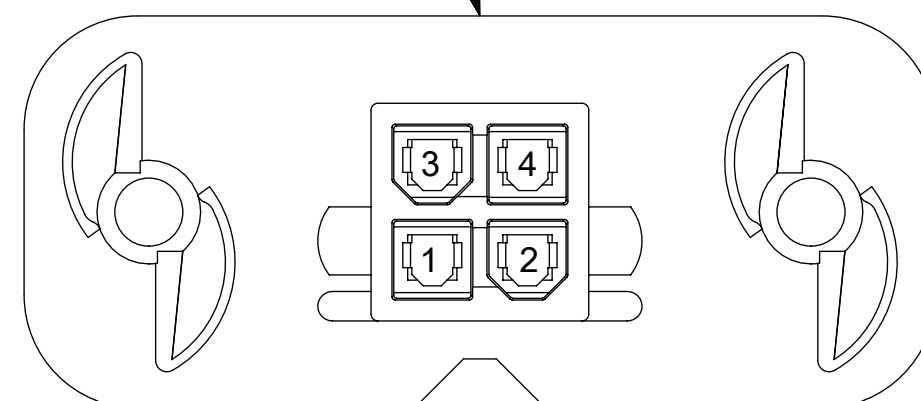
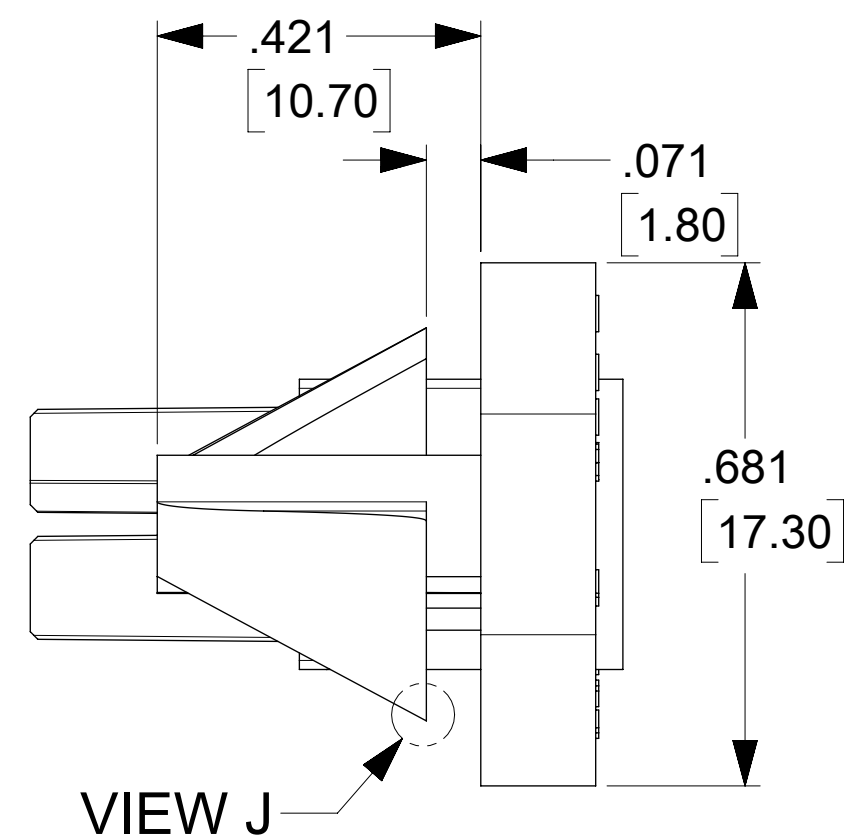
可连接使用部件

描述	产品编号
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 150.00mm Length, 18 AWG, Red	<u><a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580001.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580001.html</a></u>

Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	<a href="/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580009.html">/content/molex/molex-dot-com/cn/zh/products/product-page.html/797580009.html</a>
Mini-Fit Female Crimp Terminals	<a href="#">5556</a>
Mini-Fit Plus Female Crimp Terminals	<a href="#">45750</a>





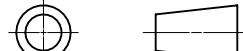


DETAIL J  
SCALE 20:1



MATERIAL  
(SEE NOTE 1)

42474 - \* \* \* 1

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></div> <div>PANEL-MOUNT RECEPTACLE BLIND MATE MINI-FIT JR. SERIES</div>										
<div> = 0</div> <div> = 0</div> <div> = 0</div>	DIMENSION UNITS		SCALE		<div>EC NO: 688090</div> <div>DRWN: HPAN182021/12/08</div> <div>CHK'D: XQZHANG2021/11/28</div> <div>APPR: XQZHANG2021/11/28</div>																					
	mm		1:1																							
	GENERAL TOLERANCES (UNLESS SPECIFIED)																									
DIVISIONAL SYMBOLS			MM		INCH		<div>INITIAL REVISION:</div> <div>DRWN: GEP1989/08/24</div> <div>APPR: RAS1987/08/24</div>										DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
		4 PLACES		±	±	SD-42474-XXXX											PSD		001		P14					
		3 PLACES		±	± 0.015	PRODUCT CUSTOMER DRAWING																				
		2 PLACES		± 0.38	±																					
		1 PLACE		±	±																					
		0 PLACES		±	±																					
ANGULAR TOL				± 0.5 °		SHEET NUMBER																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		1 OF 2												
						D-SIZE		42474		SEE SHEET 2		GENERAL MARKET														

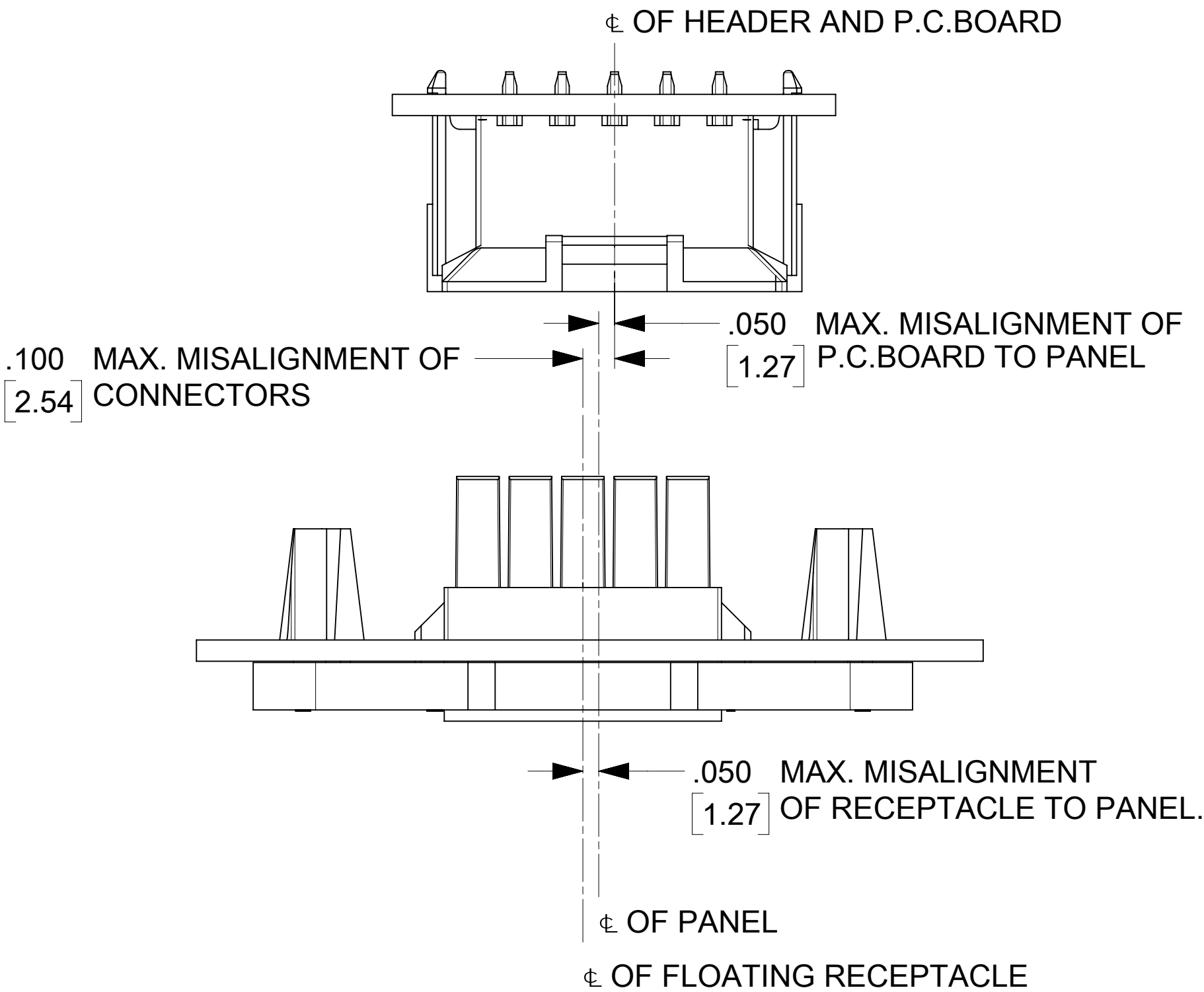
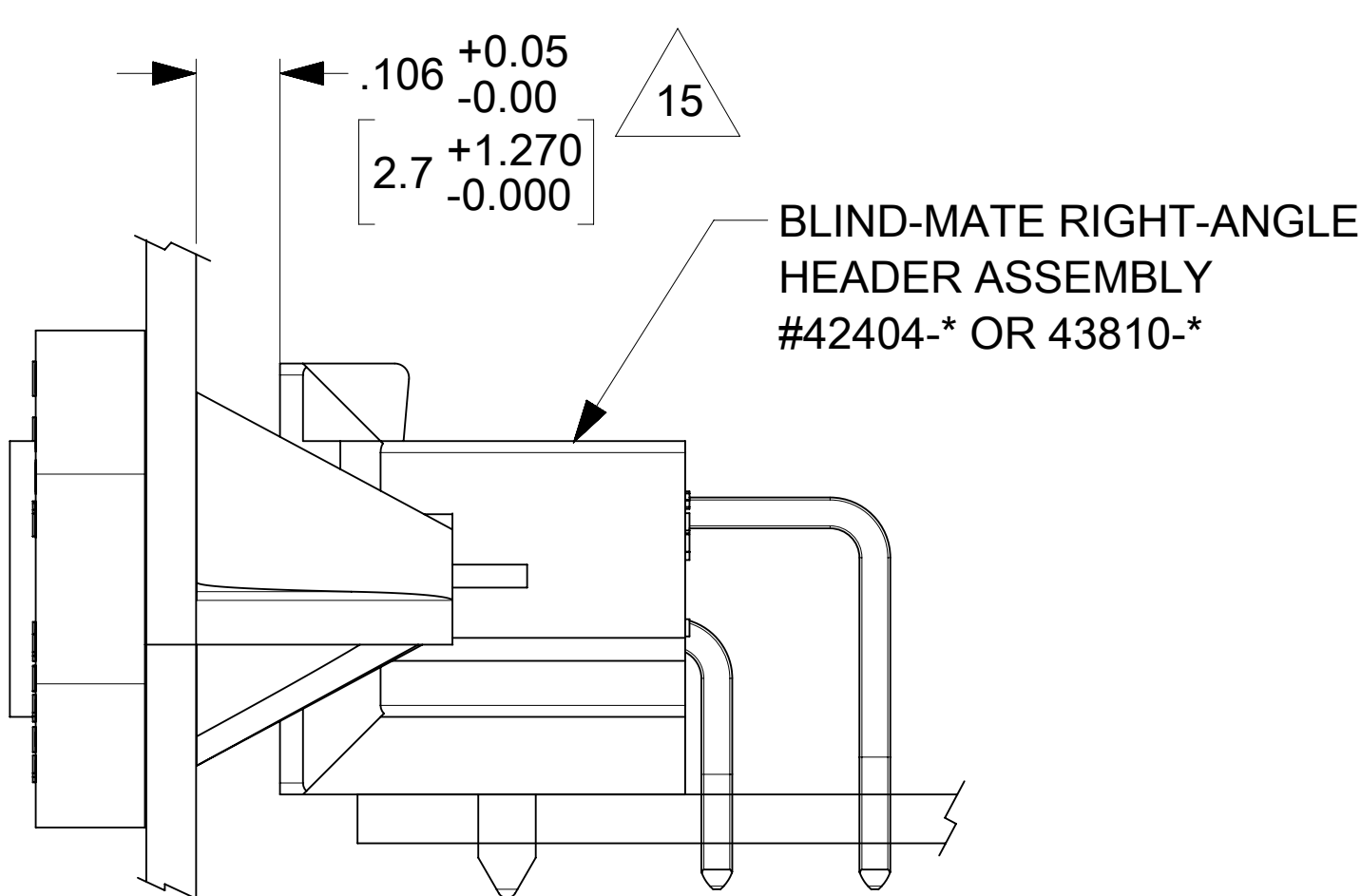
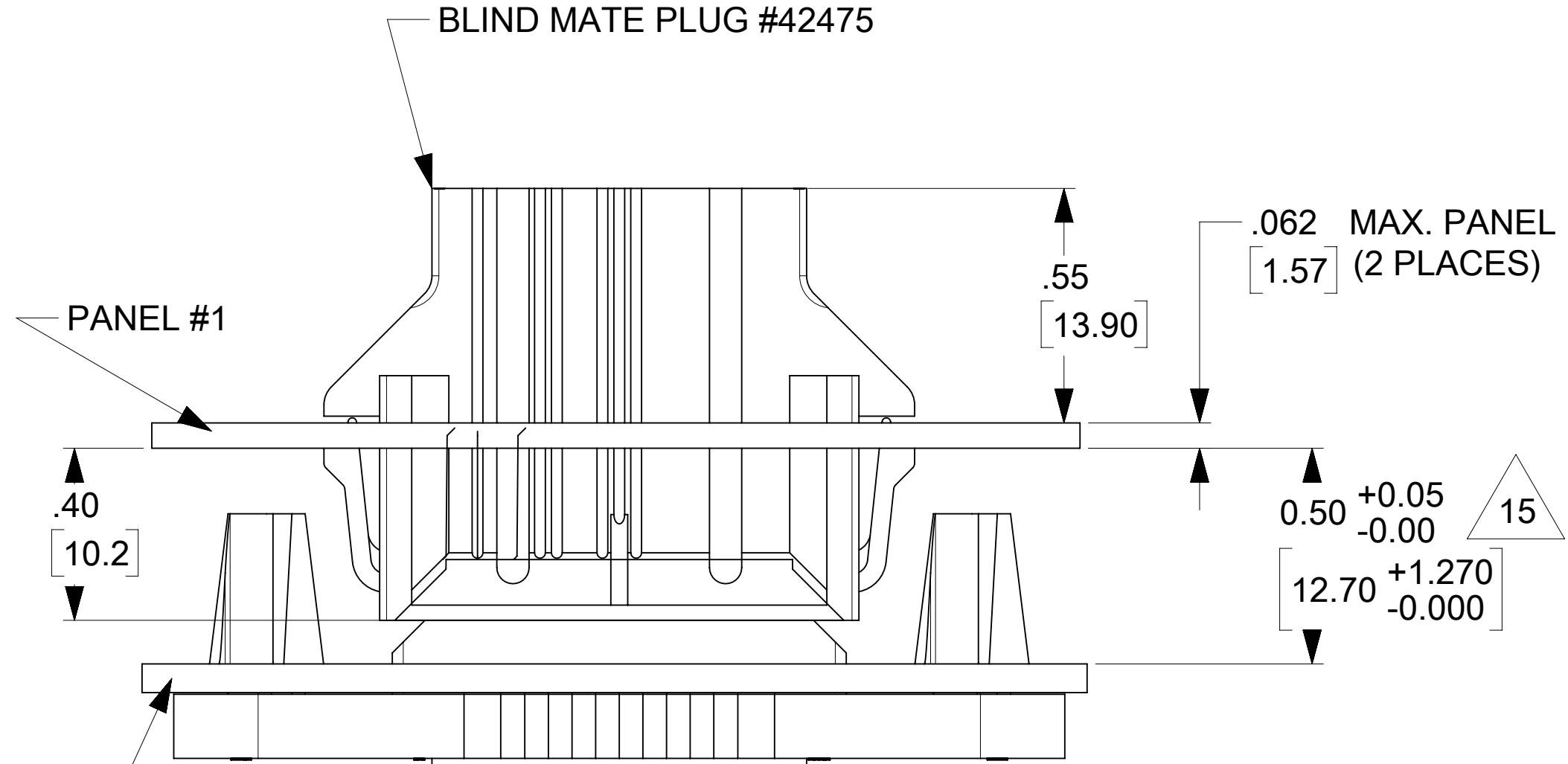
PART NUMBER	ENG. NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1)
NOT TOLLED	42474-0211	2	94V-2
15-06-0040	42474-0411	4	94V-2
15-06-0060	42474-0611	6	94V-2
15-06-0080	42474-0811	8	94V-2
15-06-0100	42474-1011	10	94V-2
NOT TOLLED	42474-1211	12	94V-2
15-06-0140	42474-1411	14	94V-2
NOT TOLLED	42474-1611	16	94V-2
15-06-0180	42474-1811	18	94V-2
NOT TOLLED	42774-2011	20	94V-2
NOT TOLLED	42474-2211	22	94V-2
15-06-0240	42474-2411	24	94V-2

PART NUMBER	ENG. NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1)
NOT TOLLED	42474-0221	2	94V-0
15-06-0041	42474-0421	4	94V-0
15-06-0061	42474-0621	6	94V-0
15-06-0081	42474-0821	8	94V-0
15-06-0101	42474-1021	10	94V-0
NOT TOLLED	42474-1221	12	94V-0
15-06-0141	42474-1421	14	94V-0
NOT TOLLED	42474-1621	16	94V-0
15-06-0181	42474-1821	18	94V-0
NOT TOLLED	42774-2021	20	94V-0
NOT TOLLED	42474-2221	22	94V-0
15-06-0241	42474-2421	24	94V-0

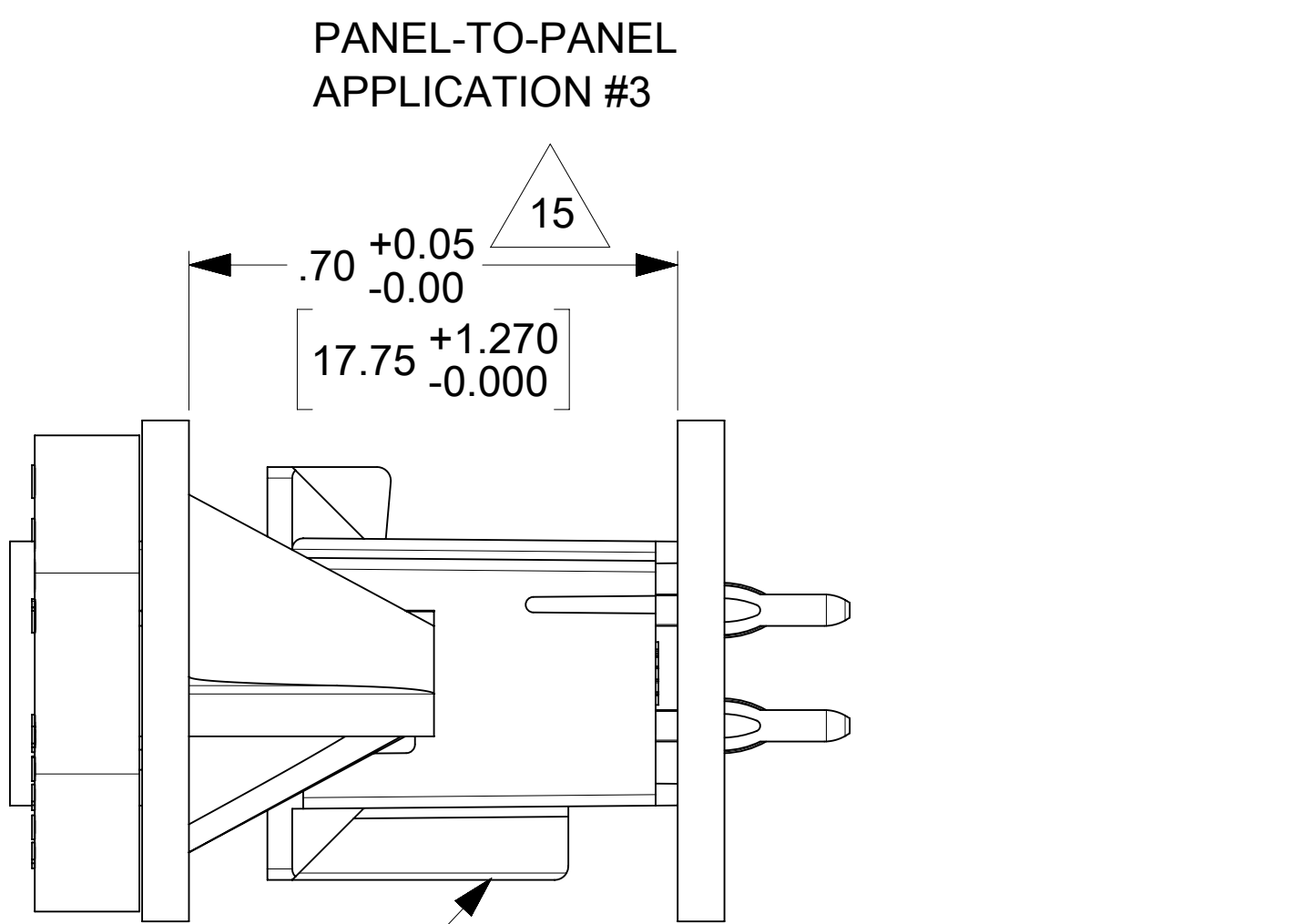
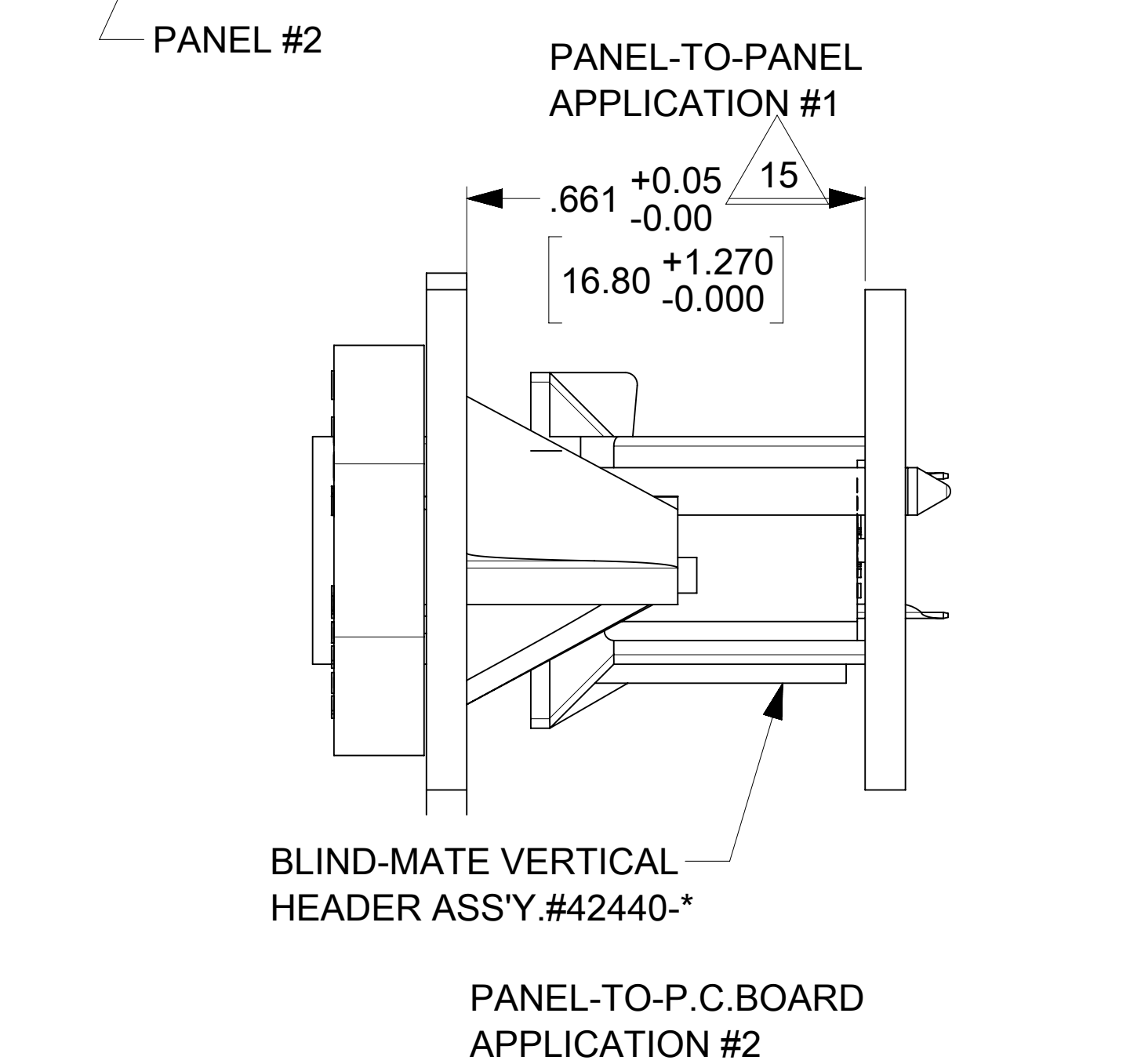
ITEM NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1)
NOT TOLLED	2	94V-2
42474-0431	4	94V-2
42474-0631	6	94V-2
42474-0831	8	94V-2
42474-1031	10	94V-2
NOT TOLLED	12	94V-2
42474-1431	14	94V-2
NOT TOLLED	16	94V-2
42474-1831	18	94V-2
NOT TOLLED	20	94V-2
NOT TOLLED	22	94V-2
42474-2431	24	94V-2


ITEM NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1)
NOT TOLLED	2	94V-0
42474-0441	4	94V-0
42474-0641	6	94V-0
42474-0841	8	94V-0
42474-1041	10	94V-0
NOT TOLLED	12	94V-0
42474-1441	14	94V-0
NOT TOLLED	16	94V-0
42474-1841	18	94V-0
NOT TOLLED	20	94V-0
NOT TOLLED	22	94V-0
42474-2441	24	94V-0

ITEM NUMBER	CKT. SIZE	MATERIAL (SEE NOTE 1) GLOW WIRE
NOT TOLLED	2	94V-0,GLOW WIRE
NOT TOLLED	4	94V-0,GLOW WIRE
NOT TOLLED	6	94V-0,GLOW WIRE
NOT TOLLED	8	94V-0,GLOW WIRE
42474-1071	10	94V-0,GLOW WIRE
NOT TOLLED	12	94V-0,GLOW WIRE
NOT TOLLED	14	94V-0,GLOW WIRE
NOT TOLLED	16	94V-0,GLOW WIRE
NOT TOLLED	18	94V-0,GLOW WIRE
NOT TOLLED	20	94V-0,GLOW WIRE
NOT TOLLED	22	94V-0,GLOW WIRE
NOT TOLLED	24	94V-0,GLOW WIRE



ALIGNMENT TOLERANCES FOR .050/1.27 MAX. BOARD-TO-PANEL MISALIGNMENT  
(+/- .050/1.27 RECEPTACLE FLOAT)



FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:								
		mm		1:1										
		GENERAL TOLERANCES (UNLESS SPECIFIED)												
<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	= 0		MM		INCH		EC NO: 688090 DRWN: HPAN18 2021/12/08 CHK'D: XQZHANG 2021/12/28 APPR: XQZHANG 2021/12/28 INITIAL REVISION: DRWN: GEP 1989/08/24 APPR: RAS 1987/08/24							
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<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	= 0	0 PLACES	±		±	DOCUMENT NUMBER SD-42474-XXXX DOC TYPE PSD DOC PART 001 REVISION P14								
		ANGULAR TOL		±	0.5 °									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
DIVISIONAL SYMBOLS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					D-SIZE		42474		SEE SHEET 2		GENERAL MARKET		2 OF 2	