



产品编号：[22032021](#)
Product Description：KK 254 Wire-to-Board Header, Single Row, Vertical, 2 Circuits, PA Polyamide Nylon, Tin (Sn) Plating
系列号：4030
状态：Active
Product Category：PCB Headers and Receptacles
工程编号：A-4030-02A197



文件和资源

图纸

[图纸 022032021_sd.pdf](#)
[包装设计图 PK-4030-001-001.pdf](#)

3D 模型和设计文件

[3D模型 022032021_stp.zip](#)

规格

[产品规格 PS-10-07-001.pdf](#)

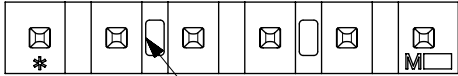
产物环境合规

合规

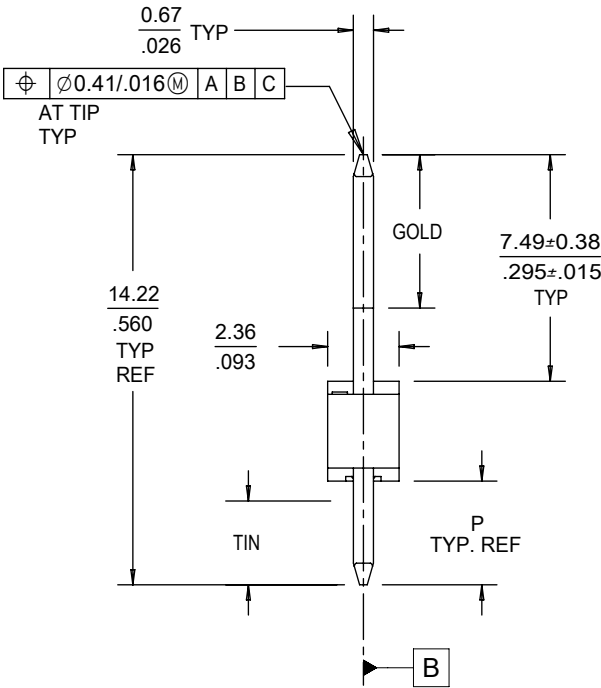
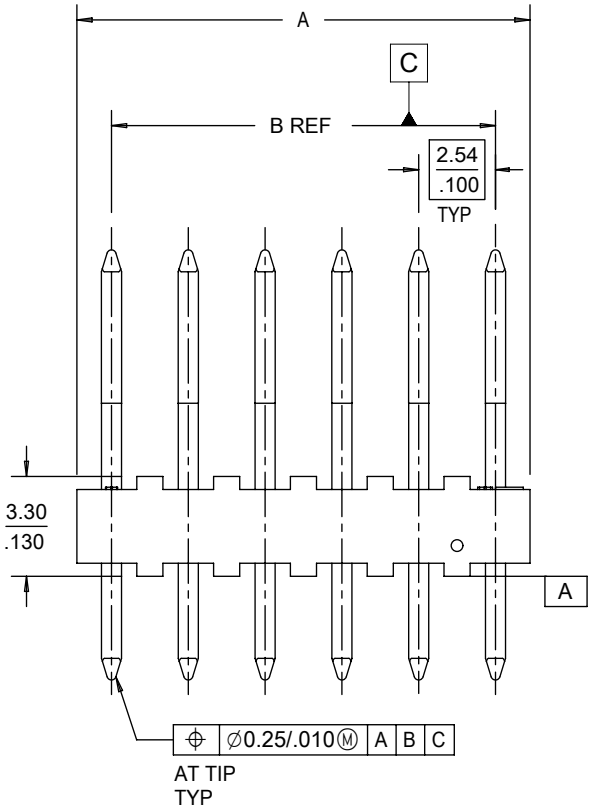
GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

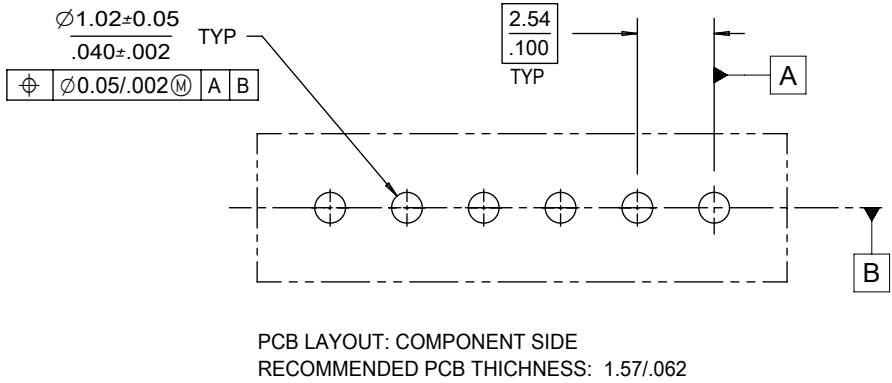


SEE NOTE 8



- NOTES:
1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
 2. FINISH:
197 = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
OVER 0.00127/.000050 MIN. NICKEL
228 = SELECT GOLD: 0.00076/.000030 MIN.
SELECT MATTE TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
241 = SELECT GOLD: 0.00051/.000020 MIN.
SELECT MATTE TIN: 0.00254/.000100 MIN.
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 3. PRODUCT SPEC: PS-10-07
 4. PACKAGING SPEC: PK-4030-001
 5. SOLDERABILITY SPEC: SMES-152
 6. PIN PUSHOUT FORCE: 8.9N / 2 LBS MIN
 7. PARTS ARE STACKABLE END TO END
AND SIDE TO SIDE ON 2.54/.100 CENTERS
 8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002 EXCEPT THIN WALLS ON STANDOFFS
CONFIRM TO CLASS C REQUIREMENTS FOR SHORT FILL
 9. NON-STANDARD PARTS SEE SD-4030-0002
 10. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND
TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER
AND/OR TOOL

CKTS	DIM A	DIM B
02	4.83±0.20 .190±.008	2.54 .100
03	7.37±0.20 .290±.008	5.08 .200
04	9.91±0.20 .390±.008	7.62 .300
05	12.45±0.20 .490±.008	10.16 .400
06	14.99±0.23 .590±.009	12.70 .500
07	17.53±0.23 .690±.009	15.24 .600
08	20.07±0.23 .790±.009	17.78 .700
09	22.61±0.25 .890±.010	20.32 .800
10	25.15±0.25 .990±.010	22.86 .900
11	27.69±0.25 1.090±.010	25.40 1.000
12	30.23±0.28 1.190±.011	27.94 1.100
13	32.77±0.28 1.290±.011	30.48 1.200
14	35.31±0.28 1.390±.011	33.02 1.300
15	37.85±0.28 1.490±.011	35.56 1.400
16	40.39±0.28 1.590±.011	38.10 1.500



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.57/.062

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
= 0	NOTE 8 UPDATED	2017/10/27 2017/11/13 2017/11/17	EC NO: 168043 DRWN: PKH CHK'D: SS06 APPR: ISHWARG	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE									
= 0					MM	INCH	MM/IN		4:1								
= 0																	
= 0							4 PLACES	±	±	KSAMIEC		2011/03/21		KK 100 HEADER ASSEMBLY			
= 0							3 PLACES	±	± 0.015	CHK'D BY		DATE					
= 0							2 PLACES	± 0.38	±	MKIPPER		2011/03/22					
= 0							1 PLACES	±	±	APPR BY		DATE		PRODUCT CUSTOMER DRAWING			
= 0							0 PLACES	±	±	JCOMERCI		2011/09/30					
= 0							ANGULAR TOL ± 0.5			DRAWING SIZE		THIRD ANGLE PROJECTION					
= 0							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			B				SERIES		MATERIAL NUMBER	
= 0												4030	SEE CHART		GENERAL MARKET		
= 0												DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
= 0												SD-4030-0001		PSD	001	1 OF 2	
= 0																	

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	PCB Headers and Receptacles
系列	4030
说明	KK 254 Wire-to-Board Header, Single Row, Vertical, 2 Circuits, PA Polyamide Nylon, Tin (Sn) Plating
应用	Board-to-Board, Signal, Wire-to-Board
元件类型	PCB Header
产品系列	KK Interconnect Systems
产品名称	KK 254
UPC	800753591837

机构

CSA	LR19980
UL	E29179

电气

每触点最大电流	4. 0A
电压 - 最大	500V

物理

断开	否
回路数（已载入）	2
电路数（最多）	2
颜色-树脂	Natural (White)

耐用性(插拔次数) – 最多次数	25
阻燃性	94V-0
符合灼热丝规范	否
锁定插接部位	无
材料 – 金属	Brass
材料 – 接合部位电镀	Tin
材料 – 终端电镀	Tin
材料 – 树脂	Nylon
净重	0.139/g
行数	1
方向	垂直
包装形式	Bag
PC 焊脚长度	3.43mm
PCB 定位器	否
PCB 保持力	无
推荐的 PCB 厚度	1.60mm
间距 – 插配接口	2.54mm
间距 – 终端界面	2.54mm
最薄镀层 – 接合部位	5.080µm
有极性的插配件	否
PCB 极性	否
有护墙的	否
可堆叠的	是
运行温度范围	See Product Specification
终端界面类型	Through Hole

进程

最长持续时间	5
无铅	WAVE
最大周期	1
最高温度	235

可配插/可连接使用的产品

可配插部件

描述	产品编号
KK 254 Single Row Crimp Housings	<u>2695</u>
KK 254 Receptacle Housings	<u>7880</u>
KK 254 PC Board Connector	<u>4455</u>
2.54mm Pitch C-Grid Shunt Terminal Housings	<u>7859</u>

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