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Part Number:

0022041111

Status:

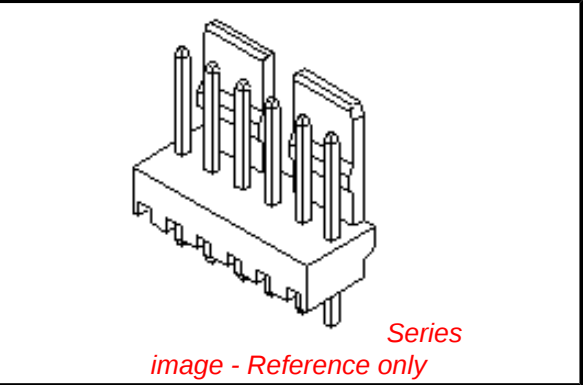
Active

Overview:

kk

Description:

2.50mm (.098") Pitch Wire-to-Board KK® Header, Vertical, with Friction Ramp, 11 Circuits, Tin (Sn) Plating



Documents:	
3D Model	Product Specification PS-5102-001 (PDF)
Drawing (PDF)	Product Specification PS-5102-002 (PDF)
Product Specification PS-5045-001 (PDF)	Product Specification PS-51191-002 (PDF)
Product Specification PS-5045-002 (PDF)	Product Specification PS-5251-001 (PDF)
Product Specification PS-5051-005 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
TUV	R72090224
UL	E29179
General	
Product Family	PCB Headers
Series	5045
Application	Wire-to-Board
Overview	kk
Product Name	KK®

Physical	
Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.134 In
PC Tail Length (mm)	3.40 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

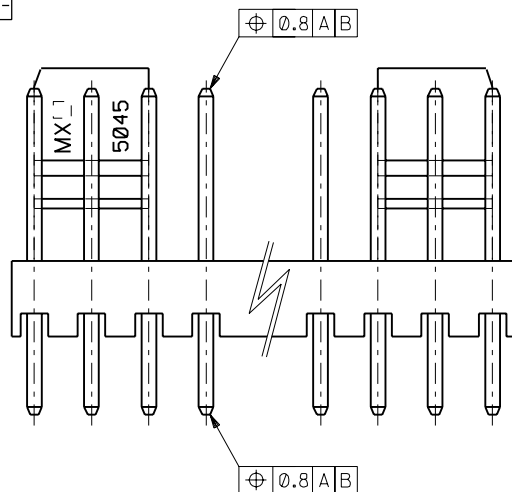
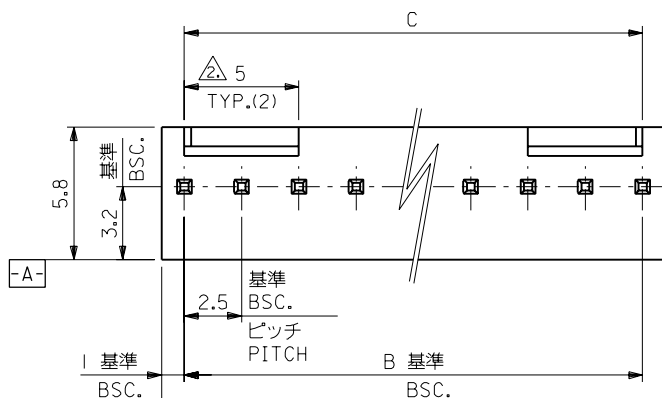
Search Parts in this Series
5045Series

Mates With
KK® 2.50mm (.098") housings, 51191 , 5051

Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V
Material Info	
Old Part Number	5045-11A
Reference - Drawing Numbers	
Packaging Specification	SPK-5045
Product Specification	PS-5045-001, PS-5045-002, PS-5051-005, PS-5102-001, PS-5102-002, PS-51191-002, PS-5251-001, RPS-5045-001, RPS-51191-007
Sales Drawing	SD-5045-NA

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公差非累積
NON-ACCUMULATIVE

The diagram shows four circles representing holes. The distance between the first and second hole is labeled "2.5±0.1 ピッチ" (Pitch) with a dimension line. The diameter of the third hole is labeled "φ1.2±0.05" with a leader line. The text "公差非累積 NON-ACCUMULATIVE" is at the top.

基板取付穴推奨寸法
RECOMMENDED P.C.BOARD HOLE DIM.

注)
NOTE.

1. 材料

MATERIAL

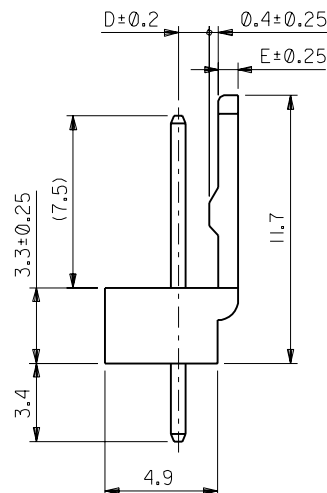
PIN: 0.635×14.2 BRASS TIN OVER COPPER PLATING.
 ウェハー：ナイロン66，UL94V-0
 WAFER: NYLON66, UL94V-0

△ 6極以上に適用

TO BE APPLIED FOR 6 CKT. AND MORE THEN 6 CKT.

3. 5極以下はロック部スリットなし

NO SLIT IS PROVIDED FOR 5 CKT. AND LESS THAN 5 CKT.



1.35	0.85	47.5 ^{+0.3} _{-0.45}	47.5	22-04-1201	5045-20A	20
↑	↑	45 ^{+0.3} _{-0.45}	45	↑ -119I	↑ -19A	19
		42.5 ^{+0.3} _{-0.45}	42.5	↑ -118I	-18A	18
		40 ^{+0.3} _{-0.45}	40	↑ -117I	-17A	17
		37.5 ^{+0.3} _{-0.45}	37.5	↑ -116I	-16A	16
		35 ^{+0.3} _{-0.45}	35	↑ -115I	-15A	15
		32.5 ^{+0.3} _{-0.45}	32.5	↑ -114I	-14A	14
		30 ^{+0.3} _{-0.45}	30	↑ -113I	-13A	13
		27.5 ^{+0.3} _{-0.45}	27.5	↑ -112I	-12A	12
		25 ^{+0.3} _{-0.45}	25	↑ -111I	-11A	11
		22.5 ^{+0.3} _{-0.45}	22.5	↑ -110I	-10A	10
		20 ^{+0.3} _{-0.45}	20	↑ -109I	-09A	9
		17.5 ^{+0.3} _{-0.45}	17.5	↑ -108I	-08A	8
		15 ^{+0.3} _{-0.45}	15	↑ -107I	-07A	7
		12.5 ^{+0.3} _{-0.45}	12.5	↑ -106I	-06A	6
↓	↓	10 ^{+0.3} _{-0.45}	10	↓ -105I	-05A	5
1.35	0.85	7.5 ^{+0.3} _{-0.45}	7.5	↓ -104I	-04A	4
1.2	I	5 ^{+0.3} _{-0.45}	5	↓ -103I	-03A	3
1.2	I	2.5 ^{+0.3} _{-0.45}	2.5	22-04-1021	5045-02A	2
D	E	C	B	EDP.NO.	ENG.NO.	極数 CKT.

E04NO. DRWN: CH/K APPR:	E03NO. DRWN: CH/K APPR:	E02NO. DRWN: CH/K APPR:	E01NO. DRWN: CH/K APPR:	REDRAWN E00NO. JC2000-0629 DRWN: K.KOHAMA W/ J/28 CH/K: T.YAMAGUCHI W/ J/30 APPR: M.FUKUSHIMA W/ J/30	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE 5:1	DESIGN UNITS ☒ mm ☐ INCH	 2RD ANGLE PROJECTION	☐ mm INCH	☐ mm INCH	☒ mm ONLY	REVISION CADD ONLY	
					FINISH 仕上り	10 UNDER 未満	30 UNDER 未満	10 UNDER 未満	30 UNDER 未満	30 OVER 以上	CAD FILENAME S5045.S01	MATERIAL NO. 5045-***A	DRAWING NO. SD-5045-NA	SHEET NO. 1
					WIRE RANGE 適用電線範囲	ANGLE 角度	±3°	DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B		
					INS. RANGE 被覆外径									
					注記参照 SEE NOTES					KK 2.5 WAFER ASS'Y WITH LOCK				
										MOLEX INCORPORATED				