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Part Number: [0038000611](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Wire-to-Board Header, Vertical Square Pin, 5 Circuits, Circuit 3 Voided

Documents:

Drawing (PDF)	Product Specification PS-99020-0088 (PDF)
Product Specification PS-10-07 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

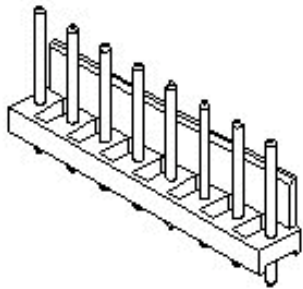
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	6410
Application	Board-to-Board
Overview	kk
Product Name	KK®

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	5
Color - Resin	Natural (White)
Durability (mating cycles max)	25
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	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.139 In
PC Tail Length (mm)	3.53 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Polarized to Mating Part	Yes
Polarized to PCB	No



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

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

[6410Series](#)

Shrouded	Partial
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.5A, 3.75A, 3A, 4A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235
Material Info	
Old Part Number	A-6410-5A-3
Reference - Drawing Numbers	
Packaging Specification	PK-6373-001
Product Specification	PS-10-07, PS-99020-0088
Sales Drawing	SDAE-6410-N

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F

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A

VOIDED OPTION						
PART No.	ENG No.	CKT SIZE	VOID LOCATION	DIM A	DIM B	DIM D
38-00-7222	A-6410-3A-2	3	2	(5.08 ±0.10) / .200 ±.004	(7.62)/.300	(7.50)/.295
4749	-4A-3	4	3	(7.62 ±0.13) / .300 ±.005	(10.16)/.400	(7.50)/.295
0611	-5A-3	5	3	(10.16 ±0.13) / .400 ±.005	(12.70)/.500	(7.50)/.295
0089	-6A-3	6	3	(12.70 ±0.13) / .500 ±.005	(15.24)/.600	(7.50)/.295
0090	-6A-51	6	3,4,5	(12.70 ±0.13) / .500 ±.005	(15.24)/.600	(7.50)/.295
5370	-15A-02	15	2	(35.56 ±0.13) / 1.400 ±.005	(38.10)/1.500	(7.50)/.295
5371	-19A-12	19	12	(45.72 ±0.15) / 1.800 ±.006	(48.26)/1.900	(7.50)/.295
7688	-12A-09	12	9	(27.94 ±0.13) / 1.100 ±.005	(30.48)/1.200	(7.50)/.295

ADD VOIDED OPTION EC NO: E2009-0413 2009/02/24 DRWN:BMAGUIRE CHKD: 2009/02/24 APPR:BMAGUIRE 2009/02/24	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY T. MAHON	DATE 28/01/03	TITLE WAFER, FRICTION LOCK KK (2.54)/.100 FOR (0.64)/.025 SQ. PINS			
				± ---	± ---	CHECKED BY BMAGUIRE	DATE 28/01/03				
				± 0.25	± .010	APPROVED BY JDENNEHY	DATE 2005/03/11	MOLEX INCORPORATED			
				± 0.35	± ---	MATERIAL NO.	DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDAE-6410-N							
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									