

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022057028](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Wire-to-Board Header, Right Angle, with Friction Lock, 2 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-10-07 \(PDF\)](#)
[Product Specification PS-99020-0088 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

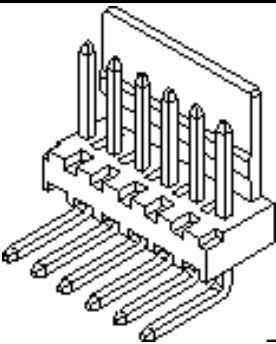
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [7395](#)
Application Wire-to-Board
Overview [kk](#)
Product Name KK®

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
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 Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Right Angle
PC Tail Length (in) 0.150 In
PC Tail Length (mm) 3.80 mm
PCB Locator No
PCB Retention None
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
Shrouded No



*-Series
image - Reference only*

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
[7395Series](#)

Mates With
[2695](#) KK® Crimp Terminal Housing. [6471](#) KK® Crimp Terminal Housing. [7720](#) KK® IDT Double Cantilever

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	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	230

Material Info

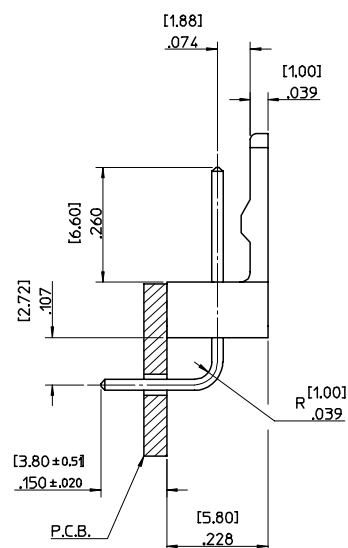
Old Part Number	A-7395-2B
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Reference - Drawing Numbers

Packaging Specification	PK-7478-001
Product Specification	PS-10-07, PS-99020-0088
Sales Drawing	SD-7395-001

This document was generated on 05/24/2010

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NO. OF CCTS	DIM. A	DIM. B
2	2.54/100	5.08/200
3	5.08/200	7.62/300
4	7.62/300	10.16/400
5	10.16/400	12.70/500
6	12.70/500	15.24/600
7	15.24/600	17.78/700
8	17.78/700	20.32/800
9	20.32/800	22.86/900
10	22.86/900	25.40/1000
11	25.40/1000	27.94/1100
12	27.94/1100	30.48/1200
13	30.48/1200	33.02/1300
14	33.02/1300	35.56/1400
15	35.56/1400	38.10/1500
16	38.10/1500	40.64/1600
17	40.64/1600	43.18/1700
18	43.18/1700	45.72/1800
19	45.72/1800	48.26/1900
20	48.26/1900	50.80/2,000

PIN FINISH:
[0.005]/0.0002 MIN. TIN
OVER
[0.003]/0.0001 MIN. COPPER

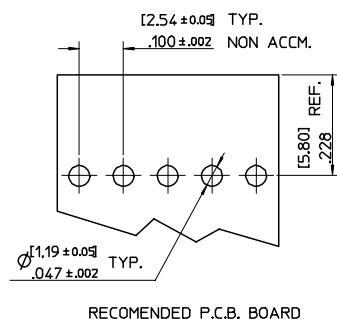
PIN FINISH:
[0.0005]/0.00002 MIN. GOLD
OVER
[0.0008]/0.00003 MIN. NICKEL

ENG. NO.	PART NO.
AE-7395-2B	22-05-7028
AE-7395-3B	22-05-7038
AE-7395-4B	22-05-7048
AE-7395-5B	22-05-7058
AE-7395-6B	22-05-7068
AE-7395-7B	22-05-7078
AE-7395-8B	22-05-7088
AE-7395-9B	22-05-7098
AE-7395-10B	22-05-7108
AE-7395-11B	22-05-7118
AE-7395-12B	22-05-7128
AE-7395-13B	22-05-7138
AE-7395-14B	22-05-7148
AE-7395-15B	22-05-7158
AE-7395-16B	22-05-7168
AE-7395-17B	22-05-7178
AE-7395-18B	22-05-7188
AE-7395-19B	22-05-7198
AE-7395-20B	22-05-7208

ENG. NO.	PART NO.
AE-7395-2BG	22-12-4022
AE-7395-3BG	22-12-4032
AE-7395-4BG	22-12-4042
AE-7395-5BG	22-12-4052
AE-7395-6BG	22-12-4062
AE-7395-7BG	22-12-4072
AE-7395-8BG	22-12-4082
AE-7395-9BG	22-12-4092
AE-7395-10BG	22-12-4102
AE-7395-11BG	22-12-4112
AE-7395-12BG	22-12-4122
AE-7395-13BG	22-12-4132
AE-7395-14BG	22-12-4142
AE-7395-15BG	22-12-4152
AE-7395-16BG	22-12-4162
AE-7395-17BG	22-12-4172
AE-7395-18BG	22-12-4182
AE-7395-19BG	22-12-4192
AE-7395-20BG	22-12-4202

NOTES:-

1. MATERIALS:
WAFFER: NYLON 6/6, UL 94, V-0, NATURAL COLOUR
PIN: [0.64]/0.25 SQUARE HARD DRAWN BRASS
FINISH: SEE CHART
2. PIN SOLDERABILITY PER MOLEX SPECIFICATION NUMBER 152
3. PIN PUSH OUT FORCE [0.907 KG]/2.0 LBS. MIN.
4. PARTS TO BE FLAT WITHIN [0.13]/.005 IN/IN
5. WAFERS STACKABLE END TO END



AE-7395-N B

NO. OF CCTS.

WAFER ASSY. OPTION

- PLATING TYPE
BLANK: TIN
G: GOLD

ORIGINAL RELEASE EC NO: E2005-1071 DRWN: DENNEHY 2005/06/20 CHKD: GMSWEENEY 2005/06/20 APPR: DENNEHY 2005/07/07	DESCRIPTION A	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	TITLE	WAFER, R/A FRICTION LOCK (2.54)/.100 CENTERS (0.64)/.025 SQ. PIN MOLEX MOLEX INCORPORATED			
			4 PLACES	±---	±---	DRAWN BY DATE				JDENNEHY 2005/05/13
			3 PLACES	±---	±.010	CHECKED BY DATE				GMSWEENEY 2005/05/27
			2 PLACES	±0.25	±.015	APPROVED BY DATE	JDENNEHY 2005/05/27	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			1 PLACE	±0.38	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-7395-001	1 OF 1	
					ANGULAR ± 2 °		SIZE A 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		