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Part Number: [0022124202](#)
Status: **Active**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Wire-to-Board Header, Right Angle, with Friction Lock, 20 Circuits

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

Agency Certification

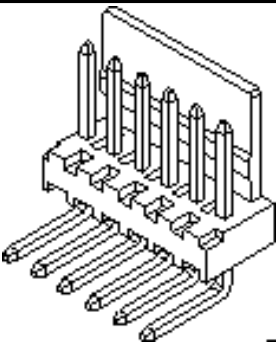
CSA LR19980
UL E29179

General

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

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Natural (White)
Durability (mating cycles max) 100
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 Gold
Material - Plating Termination Gold
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
PCB Thickness Recommended (in) 0.062 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
Plating min: Mating (µin) 200
Plating min: Mating (µm) 5
Plating min: Termination (µin) 200
Plating min: Termination (µm) 5
Polarized to PCB Yes
Shrouded Partial
Stackable No
Temperature Range - Operating 0°C to +75°C



*-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

[7395Series](#)

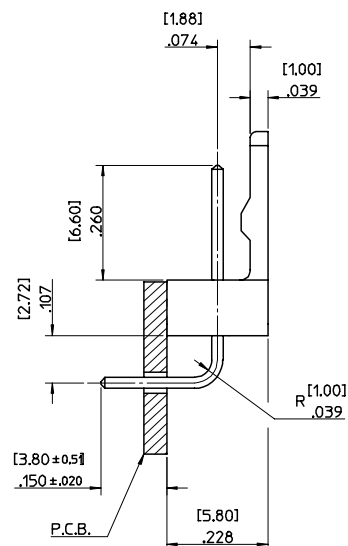
Mates With

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

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4A
Voltage - Maximum	250V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Old Part Number	739520BG
Reference - Drawing Numbers	
Packaging Specification	PK-7478-001
Product Specification	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

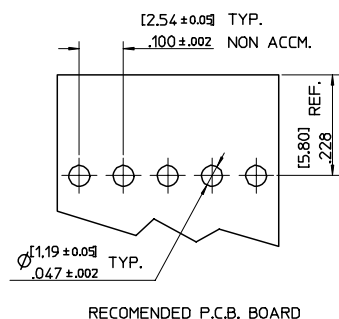
PIN FINISH:
[0.0005]/0.00002 MIN. GOLD
OVER
[0.0008]/0.00003 MIN. NICKEL

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 DRAWN: DENNEHY 2005/06/20 CHK'D: 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	DRAWN BY JDENNEHY	DATE 2005/05/13	TITLE WAFER, R/A FRICTION LOCK (2.54)/.100 CENTERS (0.64)/.025 SQ. PIN MOLEX INCORPORATED				
			4 PLACES ±---	±---	CHECKED BY GMSWEENEY	DATE 2005/05/27					
			3 PLACES ±---	±.010	APPROVED BY JDENNEHY	DATE 2005/05/27					
			2 PLACES ±0.25	±.015	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-7395-001		SHEET NO. 1 OF 1		
			1 PLACE ±0.38	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			ANGULAR ± 2 °								