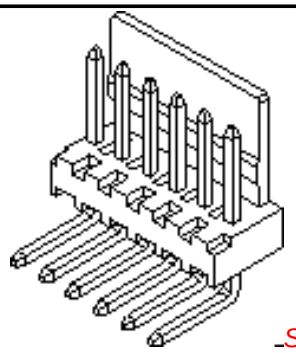
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Part Number: 0022124042
Status: Active
Overview: kk
Description: 2.54mm (.100") Pitch KK® Wire-to-Board Header, Right Angle, with Friction Lock, 4 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (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)	4
Circuits (maximum)	4
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)	20
Plating min: Mating (µm)	0.5
Plating min: Termination (µin)	20
Plating min: Termination (µm)	0.5
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	0°C to +75°C

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
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

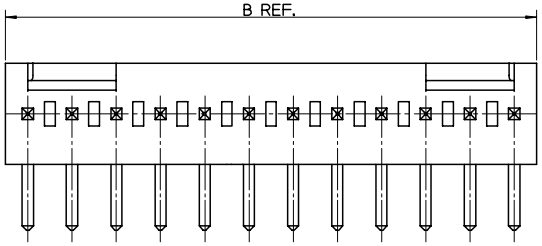
Old Part Number	739504BG

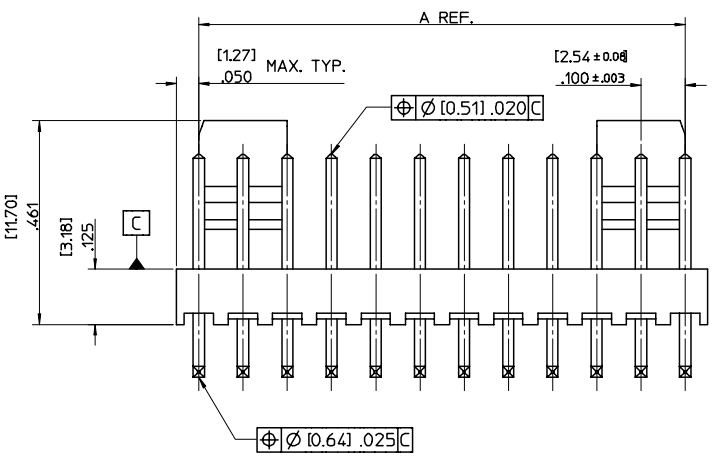
Reference - Drawing Numbers

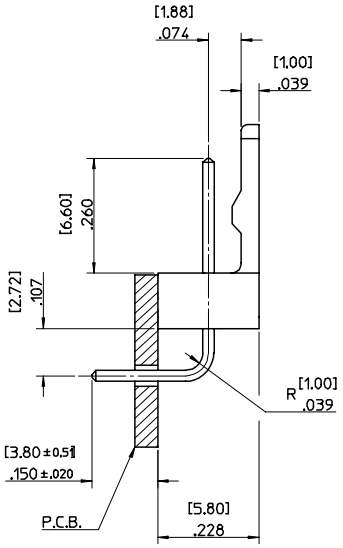
Packaging Specification	PK-7478-001
Product Specification	PS-99020-0088
Sales Drawing	SD-7395-001

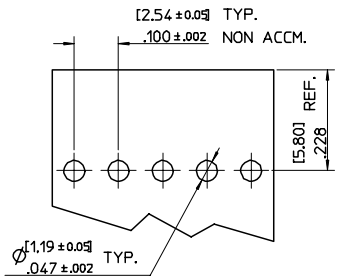
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RECOMENDED P.C.B. BOARD

NO. OF CCTS	DIM. A	DIM. B	PIN FINISH: [0.005]/0.0002 MIN. TIN OVER [0.003]/0.0001 MIN. COPPER ENG. NO.	PIN FINISH: [0.005]/0.0002 MIN. TIN OVER [0.003]/0.0001 MIN. COPPER PART NO.	PIN FINISH: [0.0005]/0.00002 MIN. GOLD OVER [0.0008]/0.00003 MIN. NICKEL ENG. NO.	PIN FINISH: [0.0005]/0.00002 MIN. GOLD OVER [0.0008]/0.00003 MIN. NICKEL PART NO.
2	2.54/.100	5.08/.200	AE-7395-2B	22-05-7028	AE-7395-2BG	22-12-4022
3	5.08/.200	7.62/.300	AE-7395-3B	22-05-7038	AE-7395-3BG	22-12-4032
4	7.62/.300	10.16/.400	AE-7395-4B	22-05-7048	AE-7395-4BG	22-12-4042
5	10.16/.400	12.70/.500	AE-7395-5B	22-05-7058	AE-7395-5BG	22-12-4052
6	12.70/.500	15.24/.600	AE-7395-6B	22-05-7068	AE-7395-6BG	22-12-4062
7	15.24/.600	17.78/.700	AE-7395-7B	22-05-7078	AE-7395-7BG	22-12-4072
8	17.78/.700	20.32/.800	AE-7395-8B	22-05-7088	AE-7395-8BG	22-12-4082
9	20.32/.800	22.86/.900	AE-7395-9B	22-05-7098	AE-7395-9BG	22-12-4092
10	22.86/.900	25.40/1.000	AE-7395-10B	22-05-7108	AE-7395-10BG	22-12-4102
11	25.40/1.000	27.94/1.100	AE-7395-11B	22-05-7118	AE-7395-11BG	22-12-4112
12	27.94/1.100	30.48/1.200	AE-7395-12B	22-05-7128	AE-7395-12BG	22-12-4122
13	30.48/1.200	33.02/1.300	AE-7395-13B	22-05-7138	AE-7395-13BG	22-12-4132
14	33.02/1.300	35.56/1.400	AE-7395-14B	22-05-7148	AE-7395-14BG	22-12-4142
15	35.56/1.400	38.10/1.500	AE-7395-15B	22-05-7158	AE-7395-15BG	22-12-4152
16	38.10/1.500	40.64/1.600	AE-7395-16B	22-05-7168	AE-7395-16BG	22-12-4162
17	40.64/1.600	43.18/1.700	AE-7395-17B	22-05-7178	AE-7395-17BG	22-12-4172
18	43.18/1.700	45.72/1.800	AE-7395-18B	22-05-7188	AE-7395-18BG	22-12-4182
19	45.72/1.800	48.26/1.900	AE-7395-19B	22-05-7198	AE-7395-19BG	22-12-4192
20	48.26/1.900	50.80/2.000	AE-7395-20B	22-05-7208	AE-7395-20BG	22-12-4202

NOTES:-
1. MATERIALS:
   WAFER: 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 2005/06/20
DRWN: JDENNEHY 2005/06/20
CH'KD: GMCSWEENEY 2005/07/07
APPR: JDENNEHY DESCRIPTION
A REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JDENNEHY DATE: 2005/05/13
CHECKED BY: GMCSWEENEY DATE: 2005/05/27
APPROVED BY: JDENNEHY DATE: 2005/05/27

TITLE: WAFER, R/A FRICTION LOCK (2.54)/.100 CENTERS (0.64)/.025 SQ. PIN

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-7395-001
SHEET NO.: 1 OF 1
SIZE: A2

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