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Part Number: [0022031192](#)
Status: **Active**
Description: KK2.5MM WAFER ASSEMBLY 302219B

Documents:

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

Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series [3022](#)
 Application Wire-to-Board
 Product Name KK®

Physical

Breakaway No
 Circuits (Loaded) 19
 Circuits (maximum) 19
 Color - Resin Natural (White)
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Number of Rows 1
 Orientation Vertical
 PC Tail Length (in) 0.135 In
 PC Tail Length (mm) 3.43 mm
 PCB Locator No
 Packaging Type Bag
 Pitch - Mating Interface (in) 0.098 In
 Pitch - Mating Interface (mm) 2.50 mm
 Pitch - Term. Interface (in) 0.098 In
 Pitch - Term. 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
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 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 3A
 Voltage - Maximum 250V

Material Info

Old Part Number 3022-19B

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

[3022Series](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

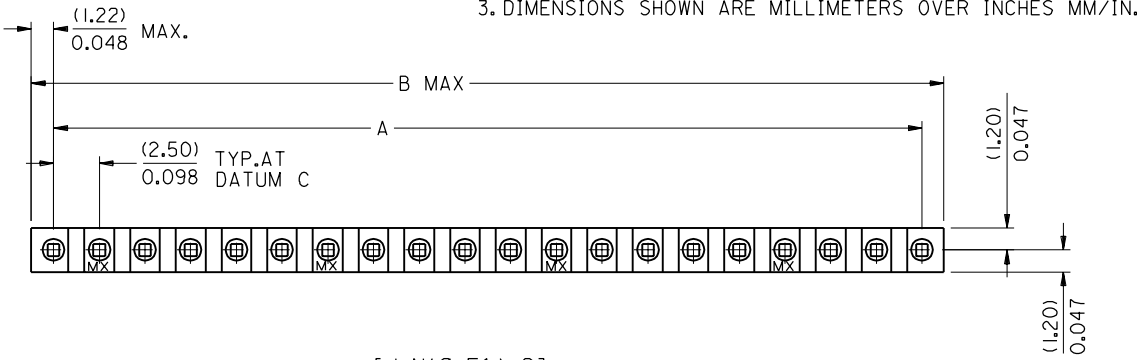
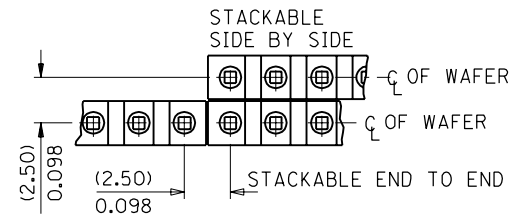
PS-99020-0088
SDAE-3022-NB

This document was generated on 04/28/2010

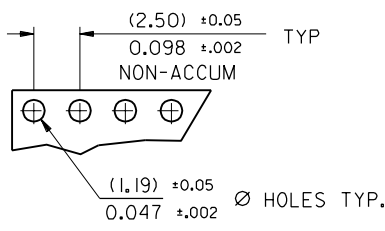
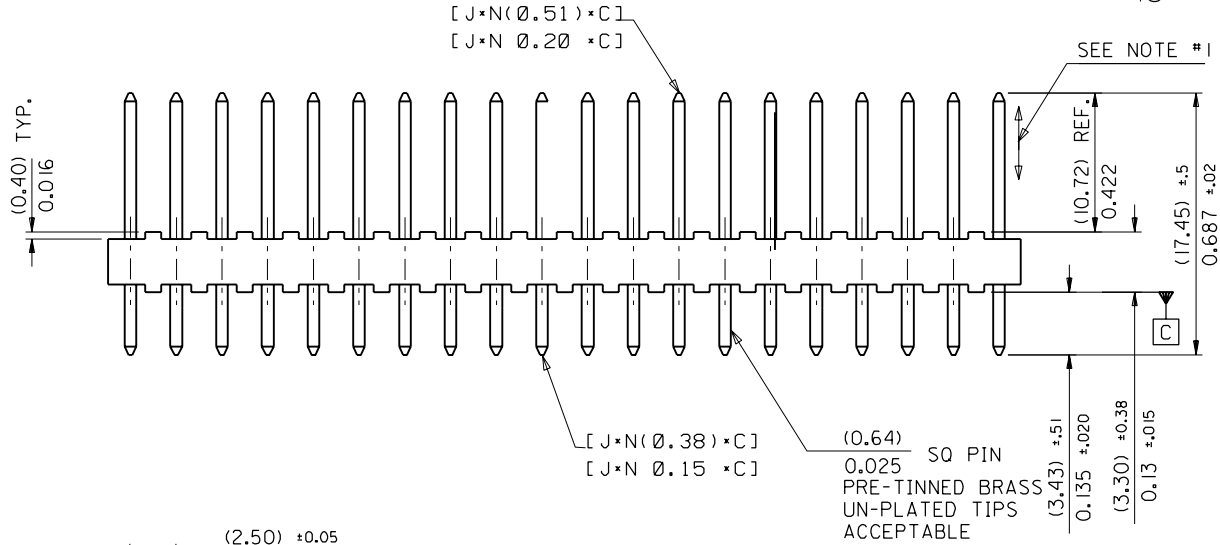
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PART NO. 22-03-1-1-2
 DWG. NO. SDAE-3022-NB

NOTES :
 1. PIN PUSH OUT FORCE: 2 LBS. MIN.
 2. PIN SOLDERABILITY PER MOLEX ENG. STD. No. 53
 3. DIMENSIONS SHOWN ARE MILLIMETERS OVER INCHES MM/IN.



22-03-1202	AE-3022-20B	20	(47.5) ±0.25	(49.9)
			1.870 ±0.010	1.965
-1192	-19B	19	(45.0) ±0.23	(47.4)
			1.772 ±0.009	1.866
-1182	-18B	18	(42.5) ±0.23	(44.9)
			1.674 ±0.009	1.768
-1172	-17B	17	(40.0) ±0.20	(42.4)
			1.575 ±0.008	1.669
-1162	-16B	16	(37.5) ±0.20	(39.9)
			1.477 ±0.008	1.571
-1152	-15B	15	(35.0) ±0.20	(37.4)
			1.378 ±0.008	1.472
-1142	-14B	14	(32.5) ±0.18	(34.9)
			1.280 ±0.007	1.374
-1132	-13B	13	(30.0) ±0.18	(32.4)
			1.181 ±0.007	1.276
-1122	-12B	12	(27.5) ±0.18	(29.9)
			1.083 ±0.007	1.177
-1112	-11B	11	(25.0) ±0.15	(27.4)
			0.984 ±0.006	1.079
-1102	-10B	10	(22.5) ±0.15	(24.9)
			0.886 ±0.006	0.980
-1092	-9B	9	(20.0) ±0.13	(22.4)
			0.787 ±0.005	0.882
-1082	-8B	8	(17.5) ±0.13	(19.9)
			0.689 ±0.005	0.783
-1072	-7B	7	(15.0) ±0.13	(17.4)
			0.591 ±0.005	0.685
-1062	-6B	6	(12.5) ±0.10	(14.9)
			0.492 ±0.004	0.587
-1052	-5B	5	(10.0) ±0.10	(12.4)
			0.394 ±0.004	0.488
-1042	-4B	4	(7.5) ±0.10	(9.9)
			0.295 ±0.004	0.390
-1032	-3B	3	(5.0) ±0.10	(7.4)
			0.197 ±0.004	0.291
22-03-1022	AE-3022-2B	2	(2.5) ±0.10	(4.9)
			0.098 ±0.004	0.193



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

MAT'L: NYLON 6/6, 94V-0

REDRAWN ON CAD EC NO. E80290 DRWN. P. MOORE 98/01/29 CH'K: / / / APPR: / / /	QUALITY SYMBOLS MAJOR = ▽ CRITICAL = ▽ C = ▽	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ±0. ±. 3 PLACES ±0. ±.008 2 PLACES ±0.2 ±.016 1 PLACE ±0.4 ±. ANGULAR: ± 1/2°	SCALE 4 : 1 DESIGN UNITS <input checked="" type="checkbox"/> MM <input checked="" type="checkbox"/> INCH DRAWN BY & DATE P. MOORE 98/01/29 CHECKED BY & DATE O. COSTEL 98/04/08 APPROVED BY & DATE M. WILHIT 98/04/08	DIMENSIONS: <input checked="" type="checkbox"/> MM <input type="checkbox"/> INCH <input type="checkbox"/> INCH <input type="checkbox"/> MM <input type="checkbox"/> MM <input type="checkbox"/> ONLY SHT REV REVISION ON CAD ONLY	TITLE: WAFER-FLAT KK (2.5) / .098 0.025 SQ. PIN	
	MOLEX INCORPORATED		CAD FILENAME SD3022NB.DGN	MATERIAL NO. SEE CHART SDAE-3022 -NB	DRAWING NO. SDAE-3022 -NB	SHEET NO. 1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					