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**Part Number:** [0022031182](#)  
**Status:** **Active**  
**Description:** 2.5mm B-To-B Hdr SR VerB 18Ckt

**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) 18  
 Circuits (maximum) 18  
 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 3022-18B

**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](mailto: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

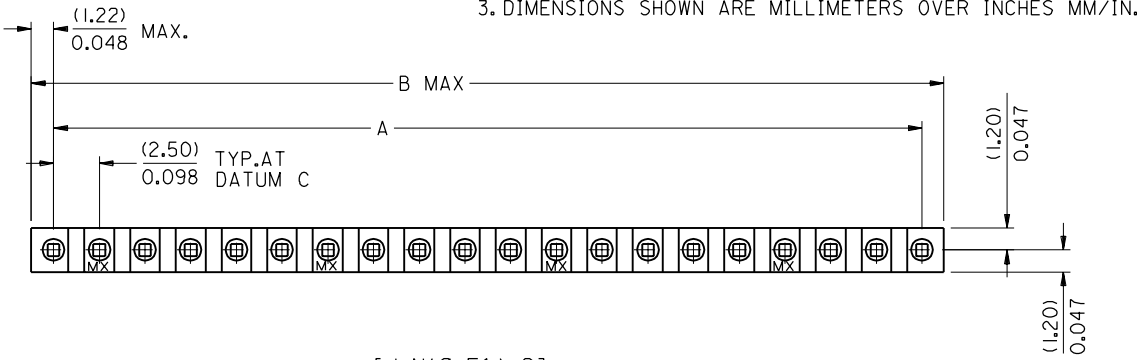
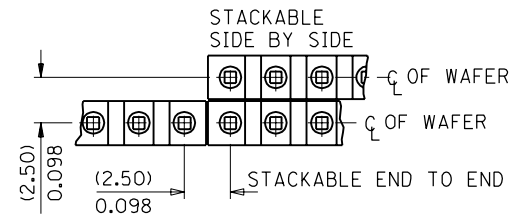
PS-99020-0088  
SDAE-3022-NB

This document was generated on 04/28/2010

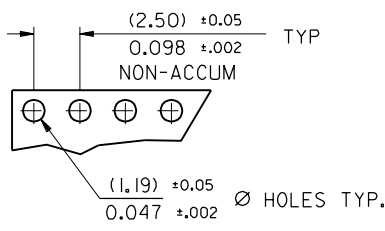
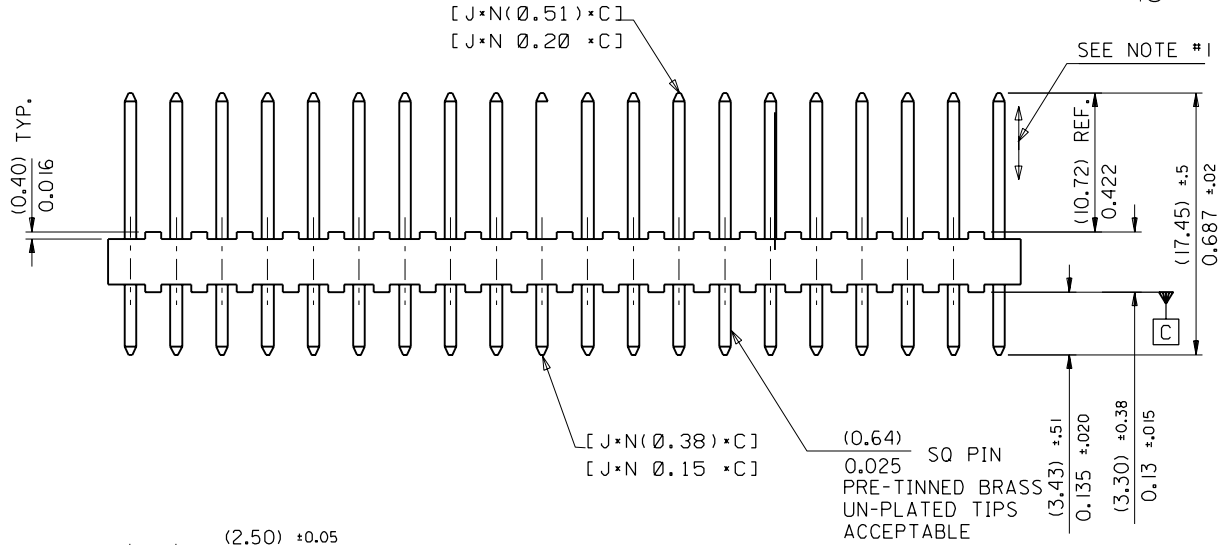
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PART NO. 22-03-1-1-2  
 DWG. NO. SDAE-3022-NB

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)
↑ -1192	↑ -19B	19	1.870 ±0.10	1.965
			(45.0) ±0.23	(47.4)
-1182	-18B	18	1.772 ±0.09	1.866
			(42.5) ±0.23	(44.9)
-1172	-17B	17	1.674 ±0.09	1.768
			(40.0) ±0.20	(42.4)
-1162	-16B	16	1.575 ±0.08	1.669
			(37.5) ±0.20	(39.9)
-1152	-15B	15	1.477 ±0.08	1.571
			(35.0) ±0.20	(37.4)
-1142	-14B	14	1.378 ±0.08	1.472
			(32.5) ±0.18	(34.9)
-1132	-13B	13	1.280 ±0.07	1.374
			(30.0) ±0.18	(32.4)
-1122	-12B	12	1.181 ±0.07	1.276
			(27.5) ±0.18	(29.9)
-1112	-11B	11	1.083 ±0.07	1.177
			(25.0) ±0.15	(27.4)
-1102	-10B	10	0.984 ±0.06	1.079
			(22.5) ±0.15	(24.9)
-1092	-9B	9	0.886 ±0.06	0.980
			(20.0) ±0.13	(22.4)
-1082	-8B	8	0.787 ±0.05	0.882
			(17.5) ±0.13	(19.9)
-1072	-7B	7	0.689 ±0.05	0.783
			(15.0) ±0.13	(17.4)
-1062	-6B	6	0.591 ±0.05	0.685
			(12.5) ±0.10	(14.9)
-1052	-5B	5	0.492 ±0.04	0.587
			(10.0) ±0.10	(12.4)
-1042	-4B	4	0.394 ±0.04	0.488
			(7.5) ±0.10	(9.9)
-1032	-3B	3	0.295 ±0.04	0.390
			(5.0) ±0.10	(7.4)
22-03-1022	AE-3022-2B	2	0.197 ±0.04	0.291
			(2.5) ±0.10	(4.9)
			0.098 ±0.04	0.193



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

RECOMMENDED P.C. BOARD HOLE DIMENSIONS

REDRAWN ON CAD EC NO. E80290 DRWN. P. MOORE 98/01/29 CH'K: / / / APPR: / / /	QUALITY SYMBOLS MAJOR = ▽ CRITICAL = ▽ C = ▽	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 4 : 1 DESIGN UNITS <input checked="" type="checkbox"/> MM <input checked="" type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> INCH <input type="checkbox"/> MM ONLY	TITLE: <b>WAFER-FLAT KK (2.5)/.098          0.025 SQ. PIN</b>	DIMENSIONS: <input checked="" type="checkbox"/> INCH <input type="checkbox"/> MM ONLY	SHT REV REVISE ON CAD ONLY
		4 PLACES ±0. ±. 3 PLACES ±0. ±.008 2 PLACES ±0.2 ±.016 1 PLACE ±0.4 ±.	DRAWN BY & DATE P. MOORE 98/01/29 CHECKED BY & DATE O. COSTEL 98/04/08 APPROVED BY & DATE M. WILHIT 98/04/08					
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.						