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Part Number: [0022031162](#)
Status: **Active**
Description: 2.5mm B-To-B Hdr SR VerB 16Ckt

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

Agency Certification

UL E29179

General

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

Physical

Breakaway No
Circuits (Loaded) 16
Circuits (maximum) 16
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 3022-16B

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

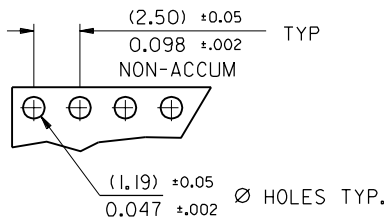
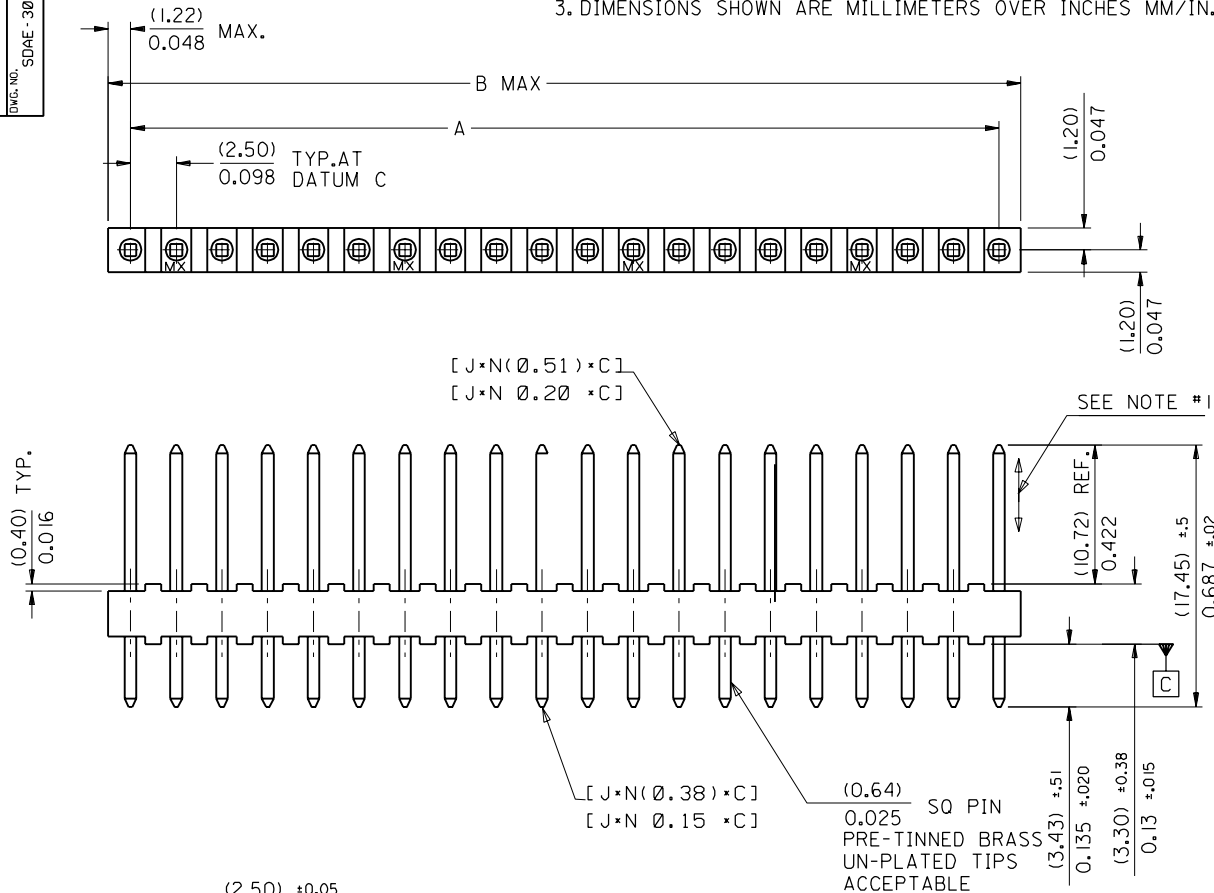
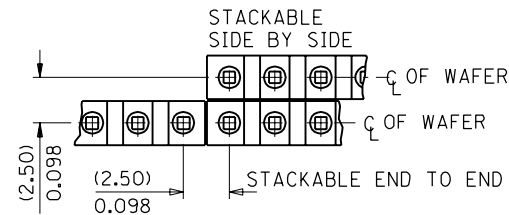
PS-99020-0088
SDAE-3022-NB

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PART NO. 22-03-1**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.



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 CHK: / / APPR: / /	DESCRIPTION MAJOR CRITICAL C	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 4 : 1	DESIGN UNITS ☒ MM ☒ INCH	THIRD ANGLE PROJECTION	TITLE: WAFER-FLAT KK (2.5)/.098 0.025 SQ. PIN	SHT REV	REVISE ON CAD ONLY		
C	REV	DESCRIPTION	mm		mm	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	MATERIAL NO. SD3022NB.DGN	DRAWING NO. SEE CHART SDAE-3022 -NB	SHEET NO. 1 OF 1
			INCH									
			4 PLACES ±0. ±.									
			3 PLACES ±0. ±.008									
			2 PLACES ±0.2 ±.016									
			1 PLACE ±0.4 ±.									
			ANGULAR: ± 1/2 °									
			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.									

22-03-1202	AE-3022-20B	20	(47.5) ±.025 1.870 ±.010 (45.0) ±.023 1.772 ±.009 (42.5) ±.023 1.674 ±.009 (40.0) ±.020 1.575 ±.008 (37.5) ±.020 1.477 ±.008 (35.0) ±.020 1.378 ±.008 (32.5) ±.017 1.280 ±.007 (30.0) ±.018 1.181 ±.007 (27.5) ±.018 1.083 ±.007 (25.0) ±.015 .984 ±.006 (22.5) ±.015 .886 ±.006 (20.0) ±.013 .787 ±.005 (17.5) ±.013 .689 ±.005 (15.0) ±.013 .591 ±.005 (12.5) ±.010 .492 ±.004 (10.0) ±.010 .394 ±.004 (7.5) ±.010 .295 ±.004 (5.0) ±.010 .197 ±.004 (2.5) ±.010 .098 ±.004	(49.9) ±.025 1.965 (47.4) ±.023 1.866 (44.9) ±.023 1.768 (42.4) ±.020 1.669 (39.9) ±.020 1.571 (37.4) ±.020 1.472 (34.9) ±.017 1.374 (32.4) ±.018 1.276 (29.9) ±.018 1.177 (27.4) ±.015 1.079 (24.9) ±.015 .980 (22.4) ±.013 .882 (19.9) ±.013 .783 (17.4) ±.013 .685 (14.9) ±.010 .587 (12.4) ±.010 .488 (9.9) ±.010 .390 (7.4) ±.010 .291 (4.9) ±.010 .193
22-03-1022	AE-3022-2B	2	(2.5) ±.010 .098 ±.004	(4.9) ±.010 .193
PART No.	ENG. No.	NO OF CKTS.	DIM. A	DIM. B