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Part Number: [0022031132](#)
Status: **Active**
Description: 2.50mm (.098") Pitch Header, Single Row, 11.10mm (.437") Mating Pin Length, 13 Circuits

Documents:
[3D Model](#) [Product Specification PS-3022-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [Product Specification PS-99020-0088 \(PDF\)](#)
[Product Specification PS-3022-003 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

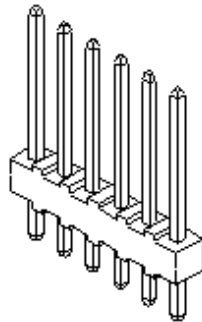
Product Family PCB Headers
Series [3022](#)
Application Wire-to-Board
Product Name N/A

Physical

Breakaway No
Circuits (Loaded) 13
Circuits (maximum) 13
Color - Resin Natural (White)
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.134 In
PC Tail Length (mm) 3.40 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) 0.098 In
Pitch - Mating 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 No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A
Voltage - Maximum 250V



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**
Not Reviewed

China RoHS



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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](#)

Mates With
[5124](#)

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Old Part Number

3022-13B

Reference - Drawing Numbers

Product Specification

PS-3022-003, PS-3022-004, PS-99020-0088

Sales Drawing

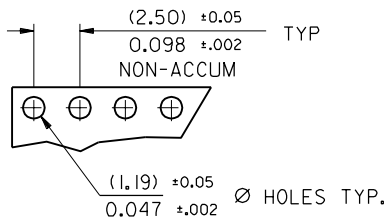
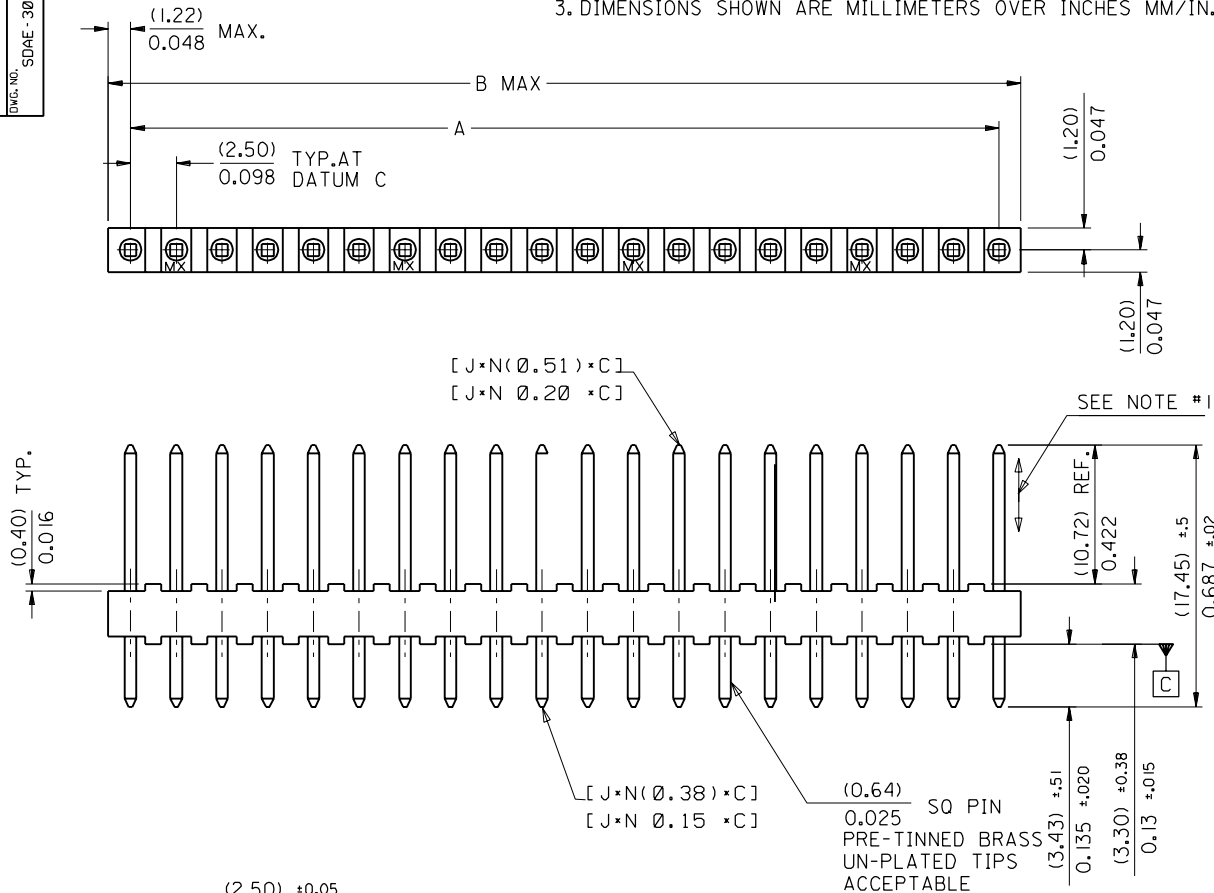
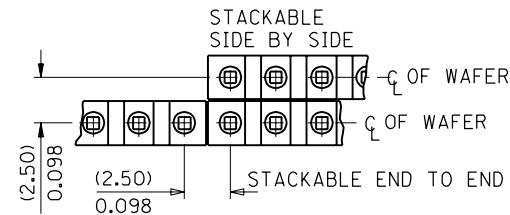
SDAE-3022-NB

This document was generated on 04/15/2010

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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.



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 0.984 ±.006 (22.5) ±.015 0.886 ±.006 (20.0) ±.013 0.787 ±.005 (17.5) ±.013 0.689 ±.005 (15.0) ±.013 0.591 ±.005 (12.5) ±.010 0.492 ±.004 (10.0) ±.010 0.394 ±.004 (7.5) ±.010 0.295 ±.004 (5.0) ±.010 0.197 ±.004 (2.5) ±.010 0.098 ±.004	(49.9) ±.025 1.965 ±.010 (47.4) ±.023 1.866 ±.009 (44.9) ±.023 1.768 ±.009 (42.4) ±.020 1.669 ±.008 (39.9) ±.020 1.571 ±.008 (37.4) ±.020 1.472 ±.008 (34.9) ±.017 1.374 ±.007 (32.4) ±.018 1.276 ±.007 (29.9) ±.018 1.177 ±.007 (27.4) ±.015 1.079 ±.006 (24.9) ±.015 0.980 ±.006 (22.4) ±.013 0.882 ±.005 (19.9) ±.013 0.783 ±.005 (17.4) ±.013 0.685 ±.005 (14.9) ±.010 0.587 ±.004 (12.4) ±.010 0.488 ±.004 (9.9) ±.010 0.390 ±.004 (7.4) ±.010 0.291 ±.004 (4.9) ±.010 0.193 ±.004
22-03-1022	AE-3022-2B	2	(2.5) ±.010 0.098 ±.004	(4.9) ±.010 0.193 ±.004

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 X mm X INCH	THIRD ANGLE PROJECTION	TITLE: WAFER-FLAT KK (2.5)/.098 0.025 SQ. PIN	SHT REV	REVISE ON CAD ONLY	
			mm	INCH							
C	REV	DESCRIPTION	4 PLACES	±0.	±.	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. SDAE-3022 -NB	SHEET NO. 1 OF 1
			3 PLACES	±0.	±.008						
			2 PLACES	±0.2	±.016						
			1 PLACE	±0.4	±.						
			ANGULAR: ± 1/2 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						