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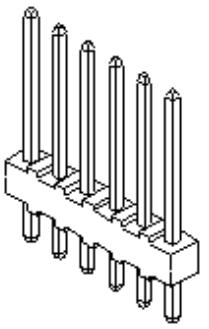
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Part Number: 0022031072

Status: Active

Description: 2.50mm (.098") Pitch Header, Single Row, 11.10mm (..437") Mating Pin Length, 7 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-3022-003 (PDF)
Product Specification PS-3022-004 (PDF)
Product Specification PS-99020-0088 (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)	7
Circuits (maximum)	7
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

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

Mates With
5124

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Old Part Number	3022-07B

Reference - Drawing Numbers

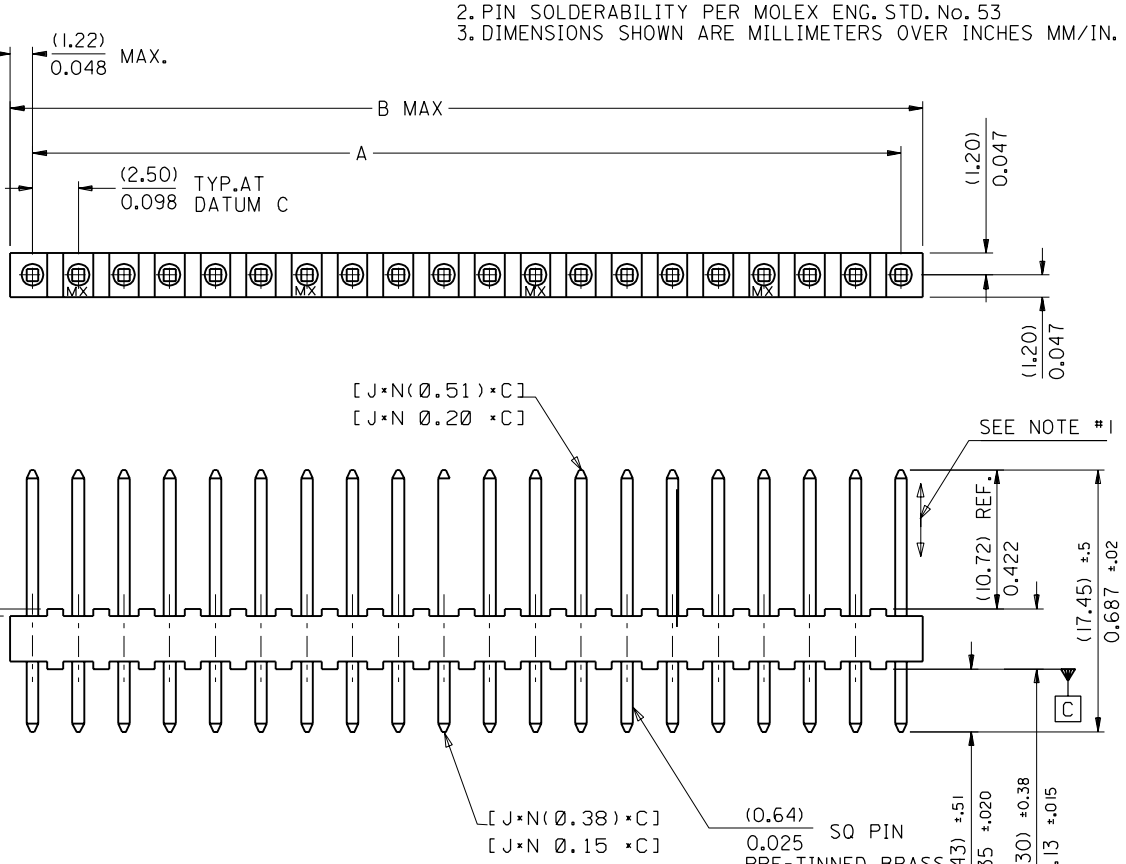
Product Specification	PS-3022-003, PS-3022-004, PS-99020-0088
Sales Drawing	SDAE-3022-NB

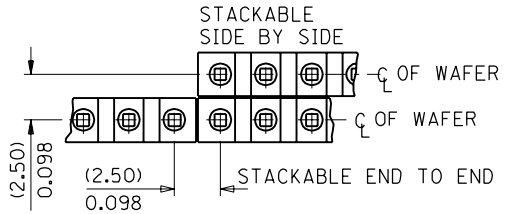
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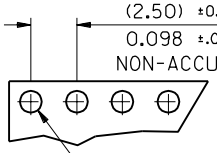
PART NO. 22-03-1**2
DWG. NO. SDAE-3022-NB

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.





PART No.	ENG. No.	NO OF CKTS.	DIM. A	DIM. B
22-03-1202	AE-3022-20B	20	(47.5) ±0.25 1.870 ±.010	(49.9) 1.965
-1192	-19B	19	(45.0) ±0.23 1.772 ±.009	(47.4) 1.866
-1182	-18B	18	(42.5) ±0.23 1.674 ±.009	(44.9) 1.768
-1172	-17B	17	(40.0) ±0.20 1.575 ±.008	(42.4) 1.669
-1162	-16B	16	(37.5) ±0.20 1.477 ±.008	(39.9) 1.571
-1152	-15B	15	(35.0) ±0.20 1.378 ±.008	(37.4) 1.472
-1142	-14B	14	(32.5) ±0.18 1.280 ±.007	(34.9) 1.374
-1132	-13B	13	(30.0) ±0.18 1.181 ±.007	(32.4) 1.276
-1122	-12B	12	(27.5) ±0.18 1.083 ±.007	(29.9) 1.177
-1112	-11B	11	(25.0) ±0.15 .984 ±.006	(27.4) 1.079
-1102	-10B	10	(22.5) ±0.15 .886 ±.006	(24.9) .980
-1092	-9B	9	(20.0) ±0.13 .787 ±.005	(22.4) .882
-1082	-8B	8	(17.5) ±0.13 .689 ±.005	(19.9) .783
-1072	-7B	7	(15.0) ±0.13 .591 ±.005	(17.4) .685
-1062	-6B	6	(12.5) ±0.10 .492 ±.004	(14.9) .587
-1052	-5B	5	(10.0) ±0.10 .394 ±.004	(12.4) .488
-1042	-4B	4	(7.5) ±0.10 .295 ±.004	(9.9) .390
-1032	-3B	3	(5.0) ±0.10 .197 ±.004	(7.4) .291
22-03-1022	AE-3022-2B	2	(2.5) ±0.10 .098 ±.004	(4.9) .193



RECOMMENDED P.C. BOARD
HOLE DIMENSIONS

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

REV	DESCRIPTION	EC NO.	DRWN	CHK	APPR
C	REDRAWN ON CAD	E80290	P.MOORE 98/01/29	/ /	/ /

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 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4 : 1
DESIGN UNITS ☒mm ☒INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm INCH ☐ INCH mm ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE P.MOORE 98/01/29
CHECKED BY & DATE O.COSTEL 98/04/08
APPROVED BY & DATE M.WILHIT 98/04/08
CAD FILENAME SD3022NB.DGN

TITLE: WAFER-FLAT KK (2.5)/.098
0.025 SQ. PIN

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SDAE-3022 -NB
SHEET NO. 1 OF 1
SIZE B

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7132-1283