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Part Number: 0022031162
Status: Active
Description: 2.5mm B-To-B Hdr SR VerB 16Ckt

Documents:

3D Model
Drawing (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	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

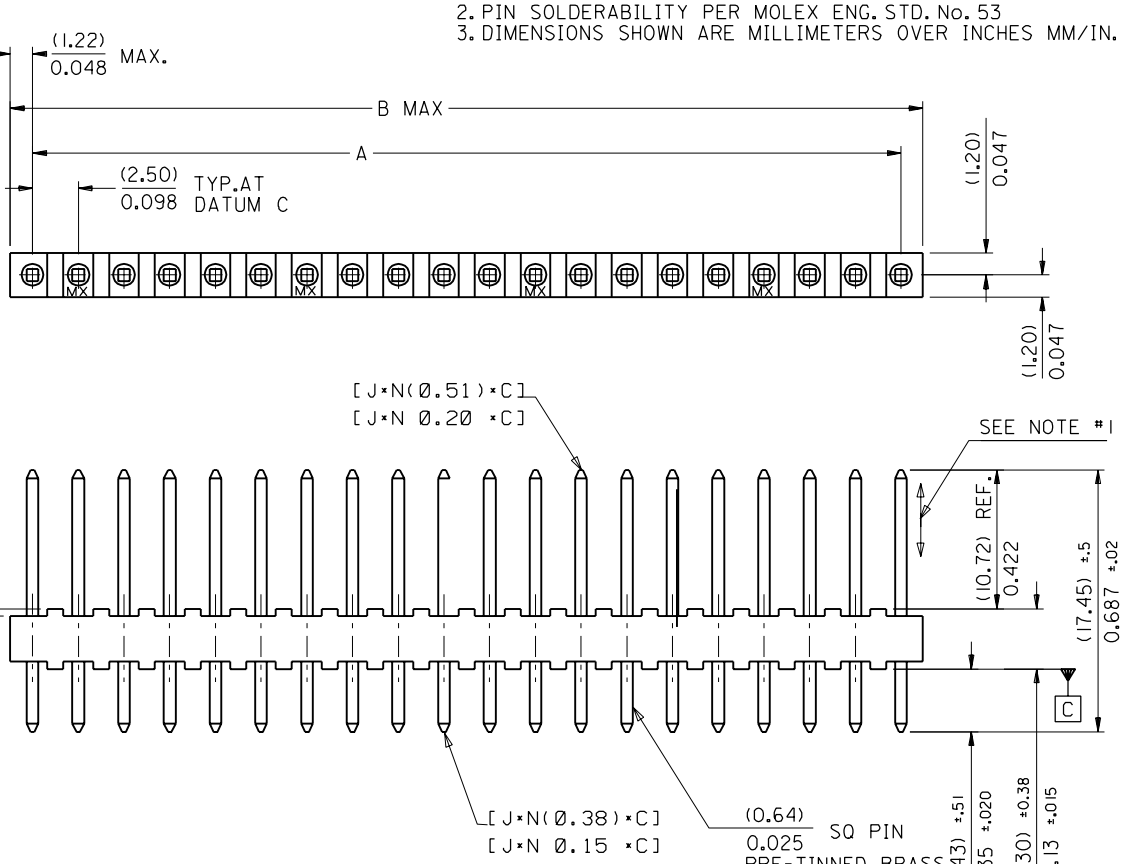
Product Specification	PS-99020-0088
Sales Drawing	SDAE-3022-NB

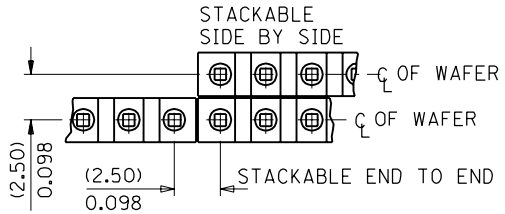
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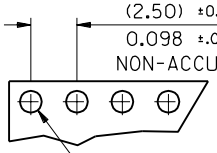
PART NO. 22-03-1**2
DWG. NO. SDAE-3022-NB

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