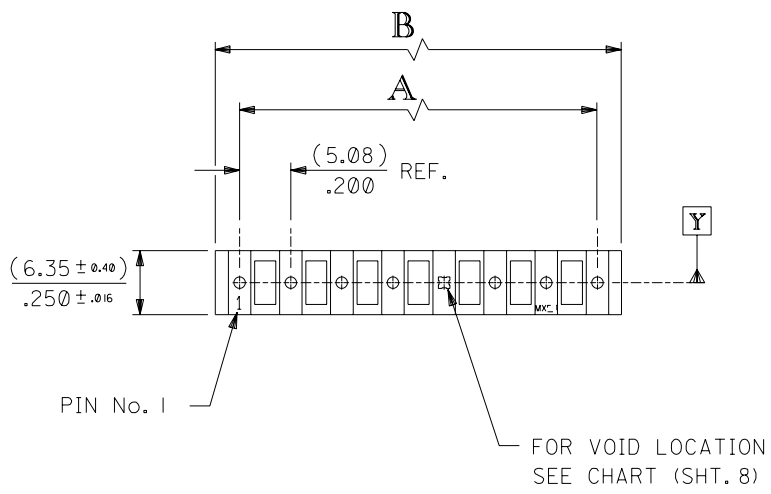
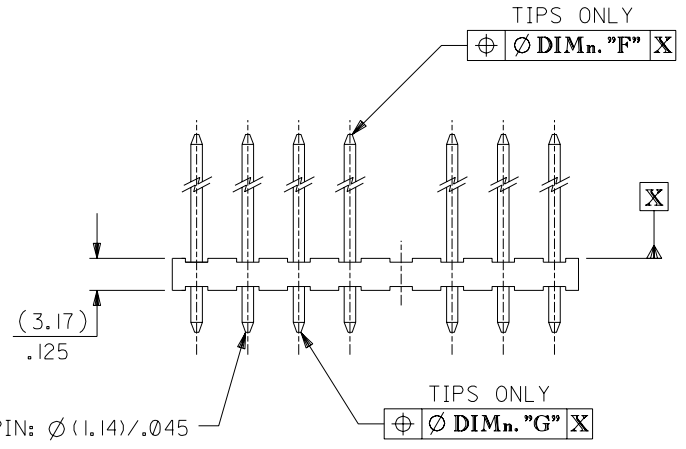


PART NO. SEE CHART
 DWG. NO. SDAE-3003-N*

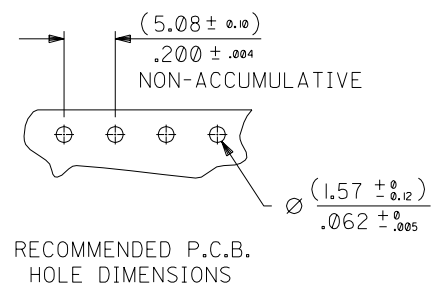


PIN No. 1
 FOR VOID LOCATION SEE CHART (SHT. 8)



TIPS ONLY
 Ø DIMn. "F" X
 TIPS ONLY
 Ø DIMn. "G" X

3003-N * - *
 BASE No. VOID CODE
 No. OF CCTS. VERSION



RECOMMENDED P.C.B. HOLE DIMENSIONS

No OF CCTS.	DIMn. A	DIMn. B
2	(5.08 ± 0.05) .200 ± .002	(9.91 ± 0.15) .390 ± .006
3	(10.16 ± 0.08) .400 ± .003	(14.99 ± 0.15) .590 ± .006
4	(15.24 ± 0.08) .600 ± .003	(20.07 ± 0.18) .790 ± .007
5	(20.32 ± 0.08) .800 ± .003	(25.15 ± 0.20) .990 ± .008
6	(25.40 ± 0.10) 1.000 ± .004	(30.23 ± 0.23) 1.190 ± .009
7	(30.48 ± 0.13) 1.200 ± .005	(35.31 ± 0.25) 1.390 ± .010
8	(35.56 ± 0.20) 1.400 ± .008	(40.39 ± 0.28) 1.590 ± .011
9	(40.64 ± 0.20) 1.600 ± .008	(45.47 ± 0.30) 1.790 ± .012
10	(45.72 ± 0.20) 1.800 ± .008	(50.55 ± 0.30) 1.990 ± .012
11	(50.80 ± 0.20) 2.000 ± .008	(55.63 ± 0.33) 2.190 ± .013
12	(55.88 ± 0.25) 2.200 ± .010	(60.71 ± 0.33) 2.390 ± .013
13	(60.96 ± 0.25) 2.400 ± .010	(65.79 ± 0.36) 2.590 ± .014
14	(66.04 ± 0.25) 2.600 ± .010	(70.87 ± 0.36) 2.790 ± .014
15	(71.12 ± 0.35) 2.800 ± .014	(75.95 ± 0.42) 2.990 ± .017
16	(76.20 ± 0.35) 3.000 ± .014	(81.03 ± 0.42) 3.190 ± .017
17	(81.28 ± 0.40) 3.200 ± .016	(86.11 ± 0.51) 3.390 ± .020
18	(86.36 ± 0.40) 3.400 ± .016	(91.19 ± 0.53) 3.590 ± .021
19	(91.44 ± 0.50) 3.600 ± .020	(96.27 ± 0.53) 3.790 ± .021
20	(96.52 ± 0.50) 3.800 ± .020	(101.35 ± 0.53) 3.990 ± .021

NOTES:

1. MATERIAL: WAFER, NYLON, 94V-2, COLOUR - NATURAL PINS, BRASS (FOR PLATING SEE CHARTS)
2. FOR DIMns. "A","B","C","D","E","F" AND VERSIONS, SEE CHARTS ON SHEET 2 & SUBSEQUENT SHEETS.
3. FOR VERSIONS WITH VOIDS SEE SHEET 8.
4. PIN PUSH OUT FORCE: (1.36Kg)/3lbs MIN.
5. PIN MUST MEET MOLEX SOLDERABILITY SPEC. ES-152.
6. MAX BOW (Ø.38)/.015 OVER (25.4)/1.00

MODIFIED TOLS
 EC NO. 2003-0542
 DRAWN: DBYRNES 02/11/22
 CHK: / / / /
 APPR: / / / /

QUALITY SYMBOLS
 MAJOR =
 CRITICAL =

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.-----	±.-----
3 PLACES	±0.-----	±.010
2 PLACES	±0.25	±.014
1 PLACE	±0.35	±.-----

 ANGULAR: ± 1/2°
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 2 : 1
 DESIGN UNITS mm INCH
 THIRD ANGLE PROJECTION
 DRAWN BY & DATE DBYRNES 02/11/22
 CHECKED BY & DATE BMAGUIRE 02/11/22
 APPROVED BY & DATE MWILHITE 02/11/22
 CAD FILENAME

DIMENSIONS: mm INCH mm ONLY INCH ONLY
 SHT REV
 REVISE ON CAD ONLY
 TITLE: 5.08 mm KK Hdr Vt RPin
 MOLEX MOLEX INCORPORATED
 MATERIAL NO. SEE CHART
 DRAWING NO. SDAE-3003-N*
 SHEET NO. 1 OF 8
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

INDEX: FOR FULL DIMENSIONS SEE RELEVANT SHEET.

ENG. No.	PLATING	DIM. C	DIM. D	SHT. No.
AE-3003-NA	(102)			3
AE-3003-NAG	(501)	(11.94) / .470	(19.05) / .750	6
AE-3003-NA(503)	(503)			6
AE-3003-NB	(102)	(16.69) / .657	(23.80) / .937	3
AE-3003-NC	(102)			3
AE-3003-NCG	(501)	(23.04) / .907	(30.48) / 1.200	6
AE-3003-ND	(102)			3
AE-3003-NDG	(501)	(27.81) / 1.095	(34.92) / 1.375	6
AE-3003-NF	(102)			3
AE-3003-NFG	(501)	(32.56) / 1.282	(39.68) / 1.562	6
AE-3003-NI	(102)	(13.51) / .532	(20.32) / .800	4
AE-3003-NJ	(102)	(21.46) / .845	(28.58) / 1.125	4
AE-3003-NK	(102)			4
AE-3003-NS	(501)	(18.29) / .720	(25.40) / 1.000	7
AE-3003-NM	(102)	(11.89) / .468	(23.80) / .937	4
AE-3003-NU	(102)	(11.18) / .440	(17.45) / .687	4
AE-3003-NV	(102)	(11.94) / .470	(18.29) / .720	5
AE-3003-NY	(102)	(10.90) / .430	(17.45) / .687	5

FOR VOID VERSIONS SEE SHEET 8.

FOR PREVIOUS DRAWING ISSUES SEE MRI.

BM SEE SHEET 1.

REVISIONS

THIRD ANGLE PROJECTION

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2'

	INCH	(METRIC)
3 PLACE ± .		
2 PLACE ± .		±
1 PLACE ±		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) (MM) IN.
EQUIVALENT DIMENSION (SECONDARY) (MM) IN.

REVISE ONLY ON CAD SYSTEM

CADCAM FILENAME SA3003X2 DGN
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE
5.08 mm KK Hdr Vt RPin

DRWG BY GCH
CHK'D BY
APP'D BY
SCALE

moLEX MOLEX EUROPE
SHEET NO. 20F DATE 29/8 /86

PART NO. SEE CHART
DWG NO. SDAE-3003-N*
SIZE B

10 9 8 7 6 5 4 3 2 1

WAFERS WITH VOIDS :-

No. OF CCTS	ENG. NO.	PART NO.	VOID CCT. LOCATION	FOR DIMns. SEE WAFER No.	
3	AE-3003-3A-2	38-00-5931	2		
4	AE-3003-4A-51	38-00-0205	2,3		
4	AE-3003-4A-2	38-00-6865	2		
6	AE-3003-6A-2	10-08-1068	2		
6	AE-3003-6A-4	38-00-0886	4		
6	AE-3003-6A-51	10-08-1067	2,4,5		
9	AE-3003-9A-2	10-08-1098	2		
10	AE-3003-10A-2	10-08-1108	2		
10	AE-3003-10A-6	10-08-1107	6		
12	AE-3003-12A-51	10-08-1128	4,7		
14	AE-3003-14A-11	10-08-1145	11		
13	AE-3003-13AG-2	38-00-0751	2		AE-3003-NA
13	AE-3003-13A(503)-2	38-00-0266	2		AE-3003-NA(503)
4	AE-3003-4B-2	10-08-1048	2	AE-3003-NB	
5	AE-3003-5B-4	10-08-1050	4	AE-3003-NB	
5	AE-3003-5B-51	10-08-1058	2,4	AE-3003-NB	
3	AE-3003-3I-2	38-00-6271	2	AE-3003-NI	
4	AE-3003-4I-3	38-00-0912	3	AE-3003-NI	
7	AE-3003-7P-3	10-08-1070	3	AE-3003-NP	

PART NO. SEE CHART
DWG. NO. SDAE-3003-N*

FOR PREVIOUS DRAWING ISSUES SEE MRI.

BK SEE SHEET I.

LTR REVISIONS

THIRD ANGLE PROJECTION

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2'

	INCH	(METRIC)
3 PLACE ±	0	
2 PLACE ±	0	±
1 PLACE ±		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (MM) (PRIMARY) IN.

EQUIVALENT DIMENSION (MM) (SECONDARY) IN.

REVISE ONLY ON CAD SYSTEM SH. REV.

CAD/CAM FILENAME SA3003X8
DCN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE
5.08 mm KK Hdr Vt RPin

DRWG BY GCH
CHK'D BY
APP'D BY
SCALE

MOLEX MOLEX EUROPE SHEET NO. DATE 80F 2 / 9 / 86

PART NO. SEE CHART DWG NO. SDAE-3003-N* SIZE B

7132-1283 10 9 8 7 6 5 4 3 2 1