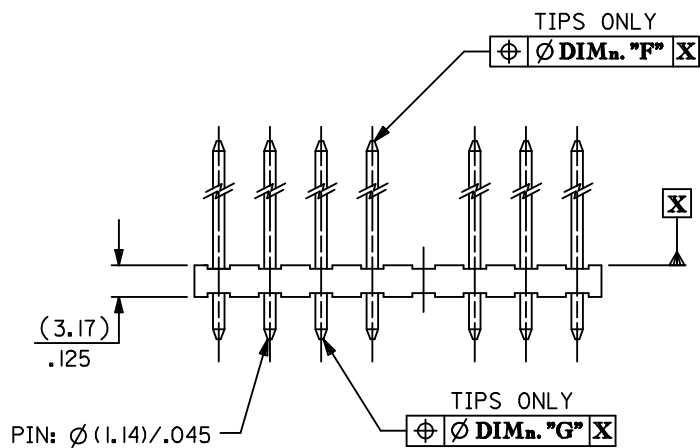
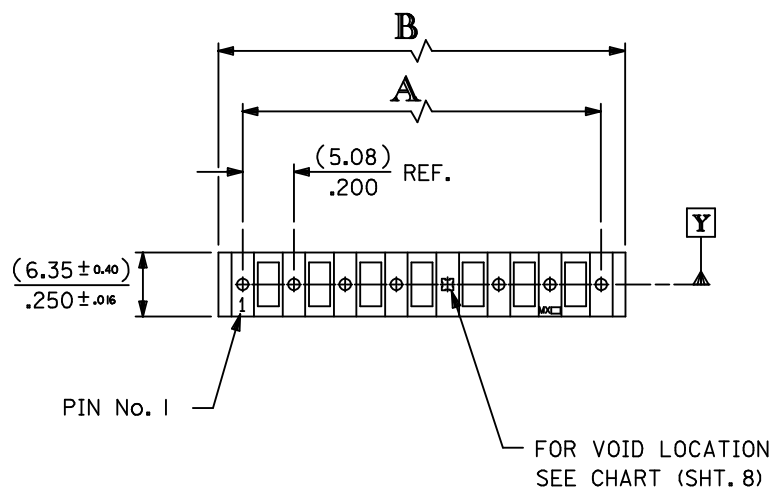
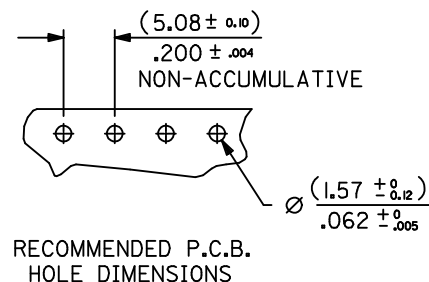


SEE CHART
SDAE-3003-N*

3003-N * - *

BASE No. VOID CODE

No. OF CCTS. VERSION



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 (0.38)/.015 OVER (25.4)/1.00

ADD PART NO SHT 7
EC NO: E2009-0320
DRWN: BMAGUIRE
CHKD:
APPR: BMAGUIRE
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ± ---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO. SEE TABLES

SIZE A3

SCALE 1:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

TITLE 5.08 MM KK HDR VT RPIN

MOLEX MOLEX INCORPORATED

DOCUMENT NO. SDAE-3003-N*

SHEET NO. 1 OF 00

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE CHART

SDAE-3003-N*

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)	(23.04) / .907	(30.48) / 1.200	3
AE-3003-NCG	(501)			6
AE-3003-ND	(102)	(27.81) / 1.095	(34.92) / 1.375	3
AE-3003-NDG	(501)			6
AE-3003-NF	(102)	(32.56) / 1.282	(39.68) / 1.562	3
AE-3003-NFG	(501)			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)	(18.29) / .720	(25.40) / 1.000	4
AE-3003-NS	(501)			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.

DOCUMENT ERROR

EC NO: E2009-0513

DRWN:BMAGUIRE

CHKD:

APPR:BMAGUIRE

REV

BM

QUALITY SYMBOLS

DESCRIPTION

▽=0

◻=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± --- ± ---

1 PLACE ± --- ± ---

ANGULAR ± ---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SIZE

A3

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

5.08 MM KK HDR VT RPIN

molex

MOLEX INCORPORATED

DOCUMENT NO.

SDAE-3003-N*

SHEET NO.

2 OF 08

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

10		9		8		7		6		5		4		3		2		1							
F PART NO. SEE CHART DWG. NO. SDAE-3003-N*		ENG. NO.		AE-3003-NAG		AE-3003-NA(503)		AE-3003-NCG		AE-3003-NDG		AE-3003-NFG													
		DIMN. "C"		(11.94 ± 0.51) .470 ± .020		(11.94 ± 0.51) .470 ± .020		(23.04 ± 0.51) .907 ± .020		(27.81 ± 0.51) 1.095 ± .020		(32.56 ± 0.51) 1.282 ± .020													
		DIMN. "D"		(19.05) / .750		(19.05) / .750		(30.48) / 1.200		(34.92) / 1.375		(39.68) / 1.562													
		DIMN. "E"		(3.94) / .155		(3.94) / .155		(4.27) / .168		(3.94) / .155		(3.94) / .155													
		DIMN. "F"		(1.02) / .040		(1.02) / .040		(1.02) / .040		(1.02) / .040		(1.02) / .040													
		DIMN. "G"		(1.02) / .040		(1.02) / .040		(1.02) / .040		(1.02) / .040		(1.02) / .040													
E		PLATING		(501) GOLD (0.5µM) / .000020 MIN. OVER NICKEL (0.76µM) / .000030 MIN.		(503) GOLD (0.76µM) / .000030 MIN. OVER NICKEL (1.27µM) / .000050 MIN.		(501) GOLD (0.5µM) / .000020 MIN. OVER NICKEL (0.76µM) / .000030 MIN.		(501) GOLD (0.5µM) / .000020 MIN. OVER NICKEL (0.76µM) / .000030 MIN.		(501) GOLD (0.5µM) / .000020 MIN. OVER NICKEL (0.76µM) / .000030 MIN.													
				PART NO.		ENG NO.						PART NO.		ENG NO.		PART NO.		ENG NO.							
D		NO. OF CIRCUITS		2		10-45-1021		AE-3003-2AG		NOT TOOLED		AE-3003-2A(503)		10-45-1025		AE-3003-2CG		10-45-1024		AE-3003-2DG		38-00-2482		AE-3003-2FG	
				3		▲ - 1031		▲ - 3AG		▲		▲ - 3A(503)		▲ - 1035		▲ - 3CG		▲ - 1034		▲ - 3DG		▲ - 2483		▲ - 3FG	
				4		- 1041		- 4AG				- 4A(503)		- 1045		- 4CG		- 1044		- 4DG		- 2484		- 4FG	
				5		- 1051		- 5AG				- 5A(503)		- 1055		- 5CG		- 1054		- 5DG		- 2485		- 5FG	
				6		- 1061		- 6AG				- 6A(503)		- 1065		- 6CG		- 1064		- 6DG		- 2486		- 6FG	
				7		- 1071		- 7AG				- 7A(503)		- 1075		- 7CG		- 1074		- 7DG		- 2487		- 7FG	
				8		- 1081		- 8AG				- 8A(503)		- 1085		- 8CG		- 1084		- 8DG		- 2488		- 8FG	
				9		- 1091		- 9AG				- 9A(503)		- 1095		- 9CG		- 1094		- 9DG		- 2489		- 9FG	
				10		- 1101		- 10AG				- 10A(503)		- 1105		- 10CG		- 1104		- 10DG		- 2490		- 10FG	
				11		- 1111		- 11AG				- 11A(503)		- 1115		- 11CG		- 1114		- 11DG		- 2491		- 11FG	
C				12		- 1121		- 12AG				- 12A(503)		- 1125		- 12CG		- 1124		- 12DG		- 2492		- 12FG	
				13		- 1131		- 13AG				- 13A(503)		- 1135		- 13CG		- 1134		- 13DG		- 2493		- 13FG	
				14		- 1141		- 14AG				- 14A(503)		- 1145		- 14CG		- 1144		- 14DG		- 2494		- 14FG	
				15		- 1151		- 15AG				- 15A(503)		- 1155		- 15CG		- 1154		- 15DG		- 2495		- 15FG	
				16		- 1161		- 16AG				- 16A(503)		- 1165		- 16CG		- 1164		- 16DG		- 2496		- 16FG	
				17		- 1171		- 17AG				- 17A(503)		- 1175		- 17CG		- 1174		- 17DG		- 2497		- 17FG	
				18		- 1181		- 18AG				- 18A(503)		- 1185		- 18CG		- 1184		- 18DG		- 2498		- 18FG	
				19		▼ - 1191		▼ - 19AG		▼		▼ - 19A(503)		▼ - 1195		▼ - 19CG		▼ - 1194		▼ - 19DG		▼ - 2499		▼ - 19FG	
B				20		10-45-1201		AE-3003-20AG		NOT TOOLED		AE-3003-20A(503)		10-45-1205		AE-3003-20CG		10-45-1204		AE-3003-20DG		38-00-2500		AE-3003-20FG	
										SEE VOIDS															
A		FOR PREVIOUS DRAWING ISSUES SEE MRI.		BK SEE SHEET 1.		LTR		REVISIONS		THIRD ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.		REV.									
										DIMENSIONS SHOWN (METRIC) INCH		CAD/CAM FILENAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO											
										UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		SA3003X6		MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
										INCH (METRIC)		GCH		TITLE											
										3 PLACE ± .		CHK'D BY		5.08 mm KK Hdr Vt RPin											
										2 PLACE ± .		APP'D BY													
										1 PLACE ±		SCALE													
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MOLEX MOLEX EUROPE		SHEET NO. DATE											
										DESIGN DIMENSION (PRIMARY) □ (MM) □ IN.		PART NO. SEE CHART		60F 29/8 /86											
										EQUIVALENT DIMENSION (SECONDARY) □ (MM) □ IN.		DWG NO. SDAE-3003-N*		SIZE B											
7132-1283		10		9		8		7		6		5		4		3		2		1					