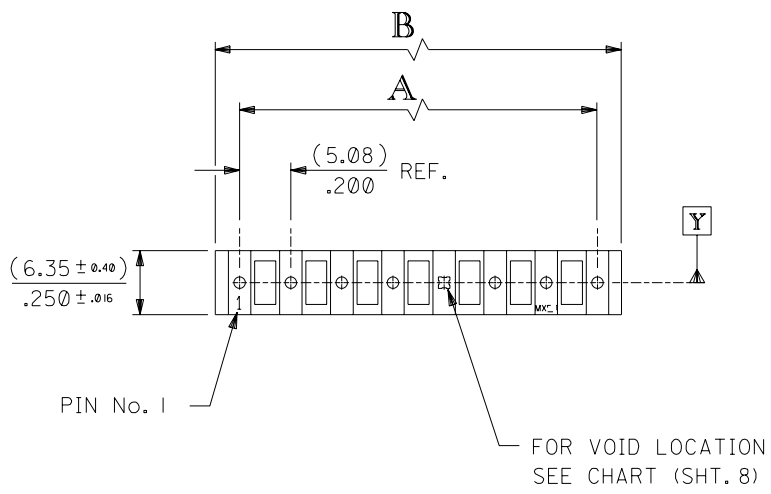
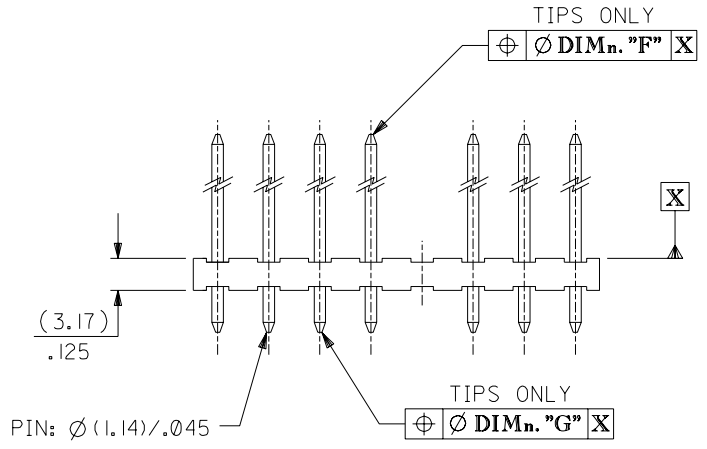
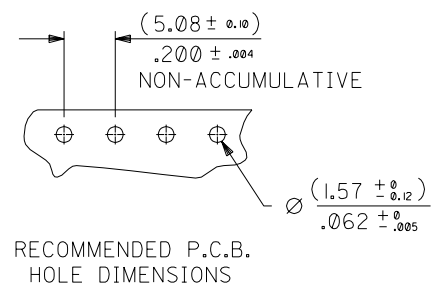


PART NO. SEE CHART
 DWG. NO. SDAE-3003-N*



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 (Ø.38)/Ø.15 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)		SCALE 2 : 1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> <input type="checkbox"/>	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input type="checkbox"/> ONLY	SHT	REV	
		4 PLACES ±0.----- ±.-----	3 PLACES ±0.----- ±.010	1 PLACE ±0.35 ±.-----	ANGULAR: ± 1/2 °	DRAWN BY & DATE DBYRNES 02/11/22		TITLE: 5.08 mm KK Hdr Vt RPin		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		CHECKED BY & DATE BMAGUIRE 02/11/22		MATERIAL NO. SEE CHART		
		REV		DESCRIPTION		APPROVED BY & DATE MWILHITE 02/11/22		DRAWING NO. SDAE-3003-N*		SHEET NO. 1 OF 8

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.

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

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 (MM)
(PRIMARY) IN.

EQUIVALENT DIMENSION (MM)
(SECONDARY) IN.

REVISE ONLY ON CAD SYSTEM

CADCAM FILENAME
SA3003X2
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

DESIGNER: GCH

DATE: 29/8 /86

SHEET NO. 20F

MOLEX MOLEX EUROPE

PART NO. SEE CHART

DWG NO. SDAE-3003-N*

SIZE B

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

ENG. NO.	AE-3003-NA		AE-3003-NB		AE-3003-NC		AE-3003-ND		AE-3003-NF		
DIMN. "C"	(11.94 ±0.51) .470 ±.020		(16.69 ±0.51) .657 ±.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		(23.80) / .937		(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		
PLATING	(102) TIN (5.0µM) / .000200 MIN. OVER COPPER (2.5µM) / .000100 MIN.		(102) TIN (5.0µM) / .000200 MIN. OVER COPPER (2.5µM) / .000100 MIN.		(102) TIN (5.0µM) / .000200 MIN. OVER COPPER (2.5µM) / .000100 MIN.		(102) TIN (5.0µM) / .000200 MIN. OVER COPPER (2.5µM) / .000100 MIN.		(102) TIN (5.0µM) / .000200 MIN. OVER COPPER (2.5µM) / .000100 MIN.		
	PART NO.	ENG NO.	PART NO.	ENG NO.	PART NO.	ENG NO.	PART NO.	ENG NO.	PART NO.	ENG NO.	
NO. OF CIRCUITS	2	10-08-1021	AE-3003-2A	10-08-1022	AE-3003-2B	10-08-1023	AE-3003-2C	10-08-1024	AE-3003-2D	10-08-1026	AE-3003-2F
	3	▲ -1031	▲ -3A	▲ -1032	▲ -3B	▲ -1033	▲ -3C	▲ -1034	▲ -3D	▲ -1036	▲ -3F
	4	▲ -1041	▲ -4A	▲ -1042	▲ -4B	▲ -1043	▲ -4C	▲ -1044	▲ -4D	▲ -1046	▲ -4F
	5	▲ -1051	▲ -5A	▲ -1052	▲ -5B	▲ -1053	▲ -5C	▲ -1054	▲ -5D	▲ -1056	▲ -5F
	6	▲ -1061	▲ -6A	▲ -1062	▲ -6B	▲ -1063	▲ -6C	▲ -1064	▲ -6D	▲ -1066	▲ -6F
	7	▲ -1071	▲ -7A	▲ -1072	▲ -7B	▲ -1073	▲ -7C	▲ -1074	▲ -7D	▲ -1076	▲ -7F
	8	▲ -1081	▲ -8A	▲ -1082	▲ -8B	▲ -1083	▲ -8C	▲ -1084	▲ -8D	▲ -1086	▲ -8F
	9	▲ -1091	▲ -9A	▲ -1092	▲ -9B	▲ -1093	▲ -9C	▲ -1094	▲ -9D	▲ -1096	▲ -9F
	10	▲ -1101	▲ -10A	▲ -1102	▲ -10B	▲ -1103	▲ -10C	▲ -1104	▲ -10D	▲ -1606	▲ -10F
	11	▲ -1111	▲ -11A	▲ -1112	▲ -11B	▲ -1113	▲ -11C	▲ -1114	▲ -11D	▲ -1116	▲ -11F
	12	▲ -1121	▲ -12A	▲ -1122	▲ -12B	▲ -1123	▲ -12C	▲ -1124	▲ -12D	▲ -1126	▲ -12F
	13	▲ -1131	▲ -13A	▲ -1132	▲ -13B	▲ -1133	▲ -13C	▲ -1134	▲ -13D	▲ -1136	▲ -13F
	14	▲ -1141	▲ -14A	▲ -1142	▲ -14B	▲ -1143	▲ -14C	▲ -1144	▲ -14D	▲ -1146	▲ -14F
	15	▲ -1151	▲ -15A	▲ -1152	▲ -15B	▲ -1153	▲ -15C	▲ -1154	▲ -15D	▲ -1156	▲ -15F
	16	▲ -1161	▲ -16A	▲ -1162	▲ -16B	▲ -1163	▲ -16C	▲ -1164	▲ -16D	▲ -1166	▲ -16F
	17	▲ -1171	▲ -17A	▲ -1172	▲ -17B	▲ -1173	▲ -17C	▲ -1174	▲ -17D	▲ -1176	▲ -17F
	18	▲ -1181	▲ -18A	▲ -1182	▲ -18B	▲ -1183	▲ -18C	▲ -1184	▲ -18D	▲ -1186	▲ -18F
	19	▼ -1191	▼ -19A	▼ -1192	▼ -19B	▼ -1193	▼ -19C	▼ -1194	▼ -19D	▼ -1196	▼ -19F
	20	10-08-1201	AE-3003-20A	10-08-1202	AE-3003-20B	10-08-1203	AE-3003-20C	10-08-1204	AE-3003-20D	10-08-1206	AE-3003-20F

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"

3 PLACE ± .	
2 PLACE ± .	±
1 PLACE ± .	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (MM) (PRIMARY) IN.

EQUIVALENT DIMENSION (MM) (SECONDARY) IN.

DRWG BY: GCH

CHK'D BY:

APP'D BY:

SCALE:

REVISE ONLY ON CAD SYSTEM

CAD/CAM FILENAME: SA3003X3 DGN

TITLE: 5.08 mm KK Hdr V+ RPin

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

MOLEX MOLEX EUROPE

SHEET NO. 30F DATE 29/8 /86

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