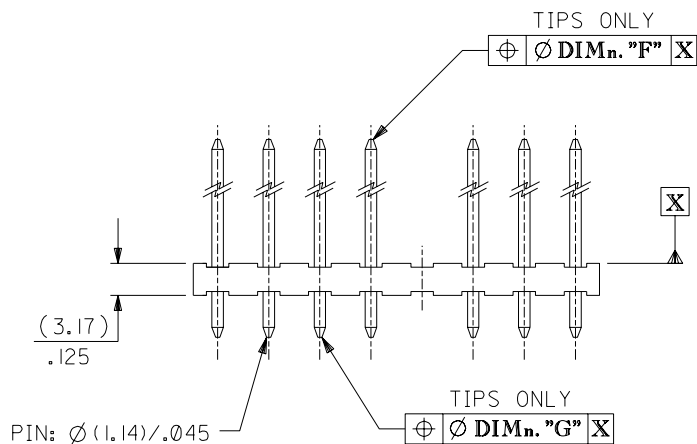
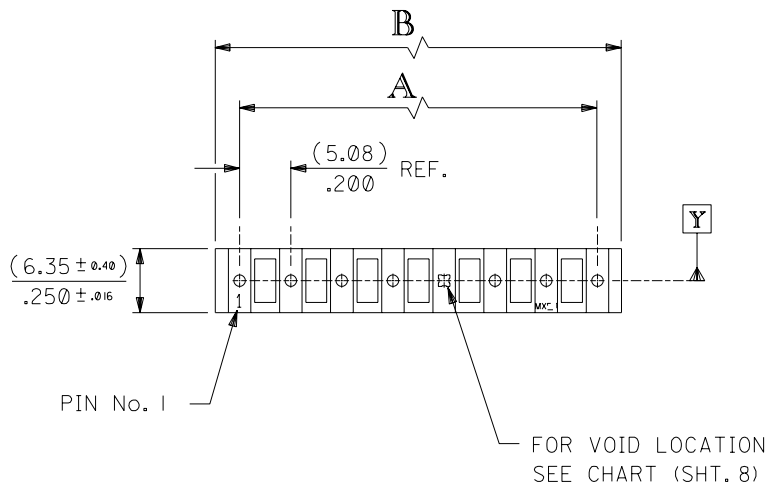
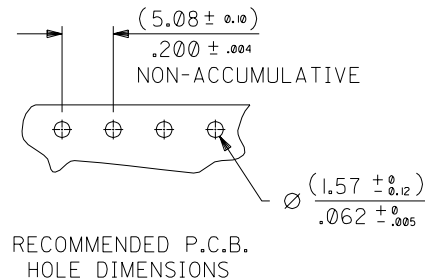




BASE No. 3003-N * - *
No. OF CCTS. *
VERSION *



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

MODIFIED TOLS
EC NO. 2003-0542
DRWN: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
DRAWN BY & DATE
DBYRNES 02/11/22
CHECKED BY & DATE
BMAGUIRE 02/11/22
APPROVED BY & DATE
MWILHITE 02/11/22
CAD FILENAME

THIRD ANGLE PROJECTION
DIMENSIONS:
☒ mm ☐ INCH
☐ mm ☐ ONLY
TITLE:
5.08 mm KK Hdr Vt RPin

SHT REV
REVISE ON CAD ONLY
MOLEX INCORPORATED
MATERIAL NO.
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.

SIZE B

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 (5.0UM) / .000200 MIN. OVER COPPER (2.5UM) / .000100 MIN.		(102) TIN (5.0UM) / .000200 MIN. OVER COPPER (2.5UM) / .000100 MIN.		(102) TIN (5.0UM) / .000200 MIN. OVER COPPER (2.5UM) / .000100 MIN.		(102) TIN (5.0UM) / .000200 MIN. OVER COPPER (2.5UM) / .000100 MIN.		(102) TIN (5.0UM) / .000200 MIN. OVER COPPER (2.5UM) / .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 1.	REVISIONS	THIRD ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.
		DIMENSIONS SHOWN (METRIC) INCH		CADCAM FILENAME SA3003X3 DCN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$					
		INCH (METRIC)		TITLE			
LTR	GCH	3 PLACE $\pm$.		5.08 mm KK Hdr Vt RPIN			
		2 PLACE $\pm$.	$\pm$				
		1 PLACE	$\pm$				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY		MOLEX EUROPE	
DESIGN DIMENSION ☒ (MM) (PRIMARY) ☐ IN.		SCALE	PART NO. SEE CHART		DWG NO. SDAE-3003-N*		SIZE B
EQUIVALENT DIMENSION ☐ (MM) (SECONDARY) ☒ IN.							