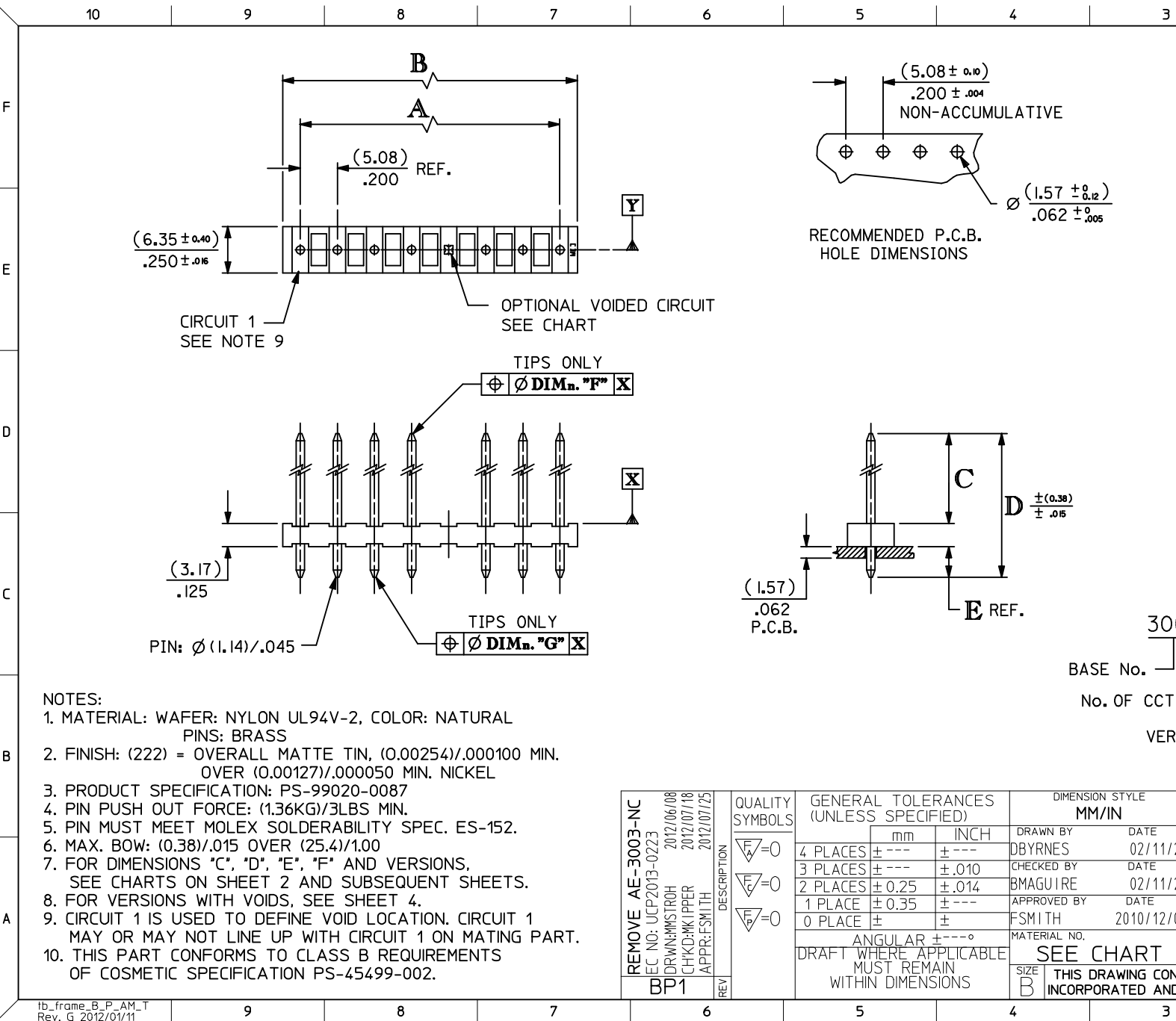




No. OF CCTS.	DIMn. A	DIMn. B
2	(5.08 ± 0.05) .200 ± .002	(9.91 ± 0.15) .390 ± .006
3	(10.16 ± 0.08) .400 ± .003	(14.99 ± 0.15) .590 ± .006
4	(15.24 ± 0.08) .600 ± .003	(20.07 ± 0.18) .790 ± .007
5	(20.32 ± 0.08) .800 ± .003	(25.15 ± 0.20) .990 ± .008
6	(25.40 ± 0.10) 1.000 ± .004	(30.23 ± 0.23) 1.190 ± .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

- NOTES:
1. MATERIAL: WAFER: NYLON UL94V-2, COLOR: NATURAL
PINS: BRASS
 2. FINISH: (222) = OVERALL MATTE TIN, (0.00254)/.000100 MIN.
OVER (0.00127)/.000050 MIN. NICKEL
 3. PRODUCT SPECIFICATION: PS-99020-0087
 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
 7. FOR DIMENSIONS "C", "D", "E", "F" AND VERSIONS,
SEE CHARTS ON SHEET 2 AND SUBSEQUENT SHEETS.
 8. FOR VERSIONS WITH VOIDS, SEE SHEET 4.
 9. CIRCUIT 1 IS USED TO DEFINE VOID LOCATION. CIRCUIT 1
MAY OR MAY NOT LINE UP WITH CIRCUIT 1 ON MATING PART.
 10. THIS PART CONFORMS TO CLASS B REQUIREMENTS
OF COSMETIC SPECIFICATION PS-45499-002.

3003-N * - *

BASE No. No. OF CCTS. VERSION

VOID CODE
NO. CORRESPONDS TO
CIRCUIT NO. VOIDED.
MULTIPLE VOIDS START
WITH 51.

REMOVE AE-3003-NC EC NO: UCP2013-0223 DRAWN:MMSTROH 2012/06/08 CHKD:MKIPPER 2012/07/18 APPR:FSMITH 2012/07/25 REV BP1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- 0 PLACE ± ± ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY DATE OBYRNES 02/11/22 CHECKED BY DATE BMAGUIRE 02/11/22 APPROVED BY DATE FSMITH 2010/12/06	SCALE 2:1 TITLE KK (5.08)/.200 VERTICAL HEADER ASSEMBLY ROUND PIN molex	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MATERIAL NO. SEE CHART SIZE B	DOCUMENT NO. SDAE-3003-N*	SHEET NO. 1 OF 4

10

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1

WAFERS WITH VOIDS: ²²

No. OF CCTS	ENG. NO.	PART NO.	VOID CCT. LOCATION	FOR DIMns. SEE WAFER No.	PLATING
3	AE-3003-3A-2	38-00-5931	2	↑ ↓	↑ ↓
4	AE-3003-4A-2	38-00-6865	2		
4	AE-3003-4A-51	38-00-0205	2, 3		
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		
12	AE-3003-12A-51	10-08-1128	4, 7	AE-3003-NA	222

REV	DESCRIPTION
2012/07/25	APPR:FSMITH
2012/07/18	CHKD:MKIPPER
2012/06/08	DRWN:MMSTROH
EC NO: UCP2013-0223	
SEE SHEET 1	

QUALITY SYMBOLS	
$\nabla_A = 0$	
$\nabla_C = 0$	
$\nabla_P = 0$	

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.35	± .---
0 PLACE	±	±
ANGULAR ± ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
D BYRNES	02/11/22
CHECKED BY	DATE
B MAGUIRE	02/11/22
APPROVED BY	DATE
F SMITH	2010/12/06
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND
B	

	SCALE 1:1
2	TITLE
2	
6	
	DOCUMENT

AINS INF
SHOULD

DESIGN UNITS
METRIC
K (5.08)/
HEADER
ROU
mc
SDAE-300
MATION THAT
T BE USED W

 THIRD ANGLE PROJECTION	
00 VERTICAL ASSEMBLY ND PIN	
Molex	
3-N*	SHEET NO. 4 OF 4
IS PROPRIETARY TO MOLEX WITHOUT WRITTEN PERMISSION	

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Mouser Electronics

Authorized Distributor

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