

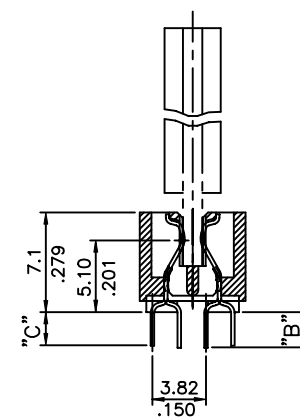
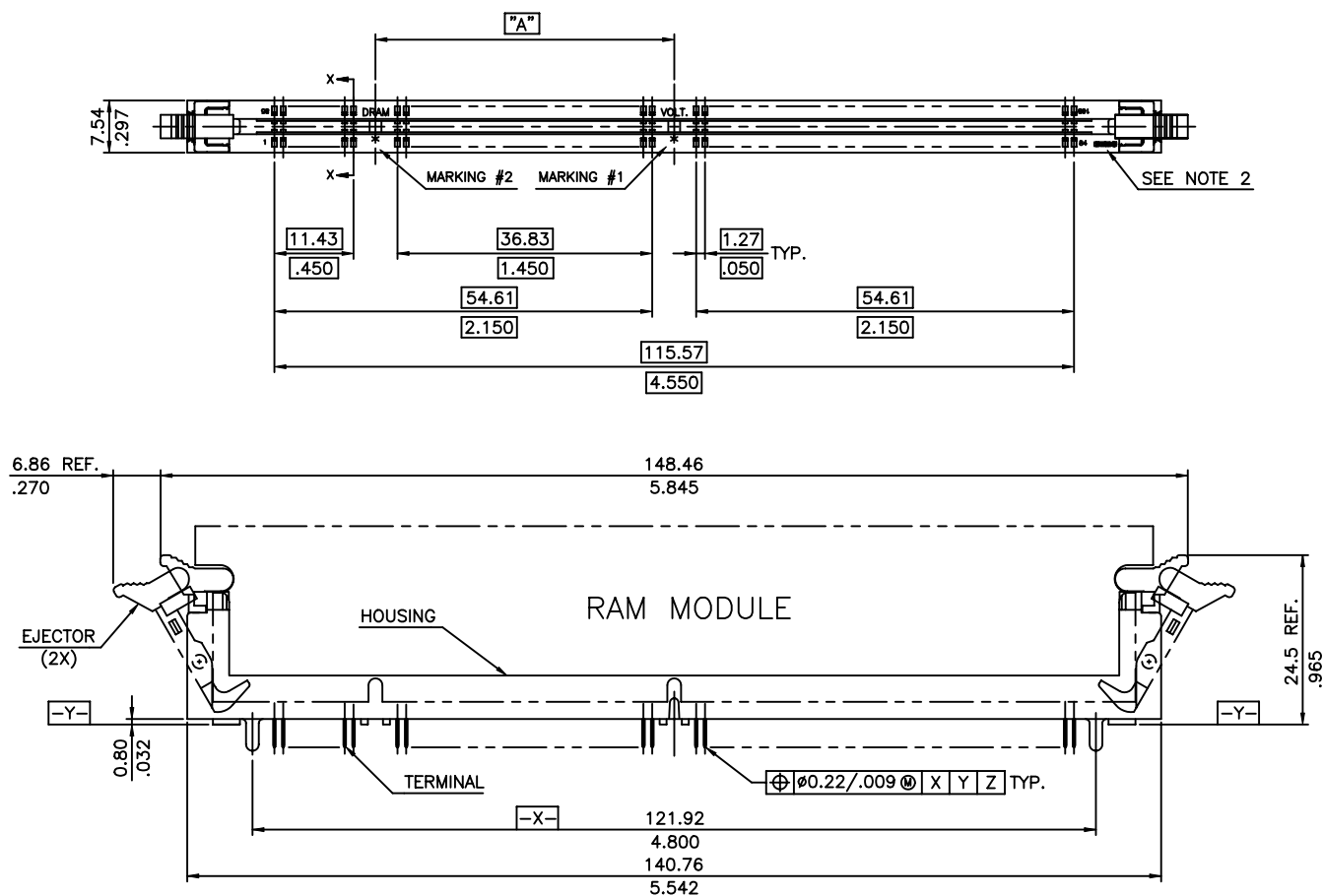
FCI

B

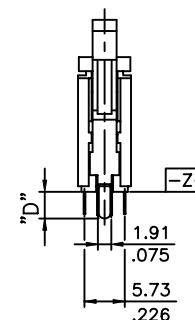
1 | 2

3 |

4



SEC. X-X



NOTE:

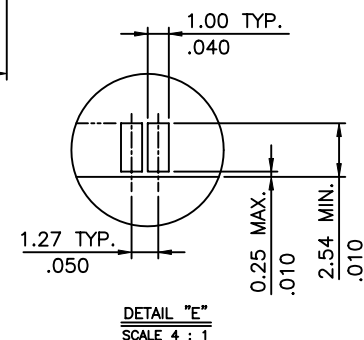
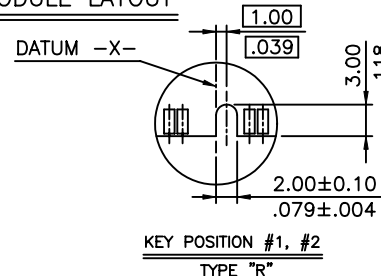
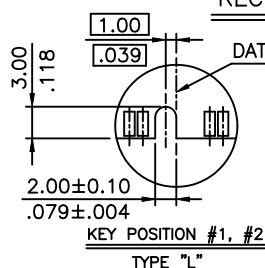
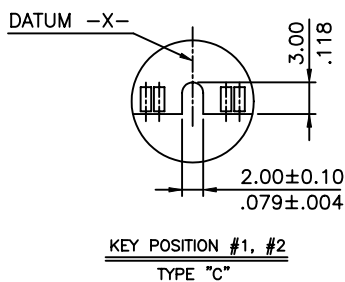
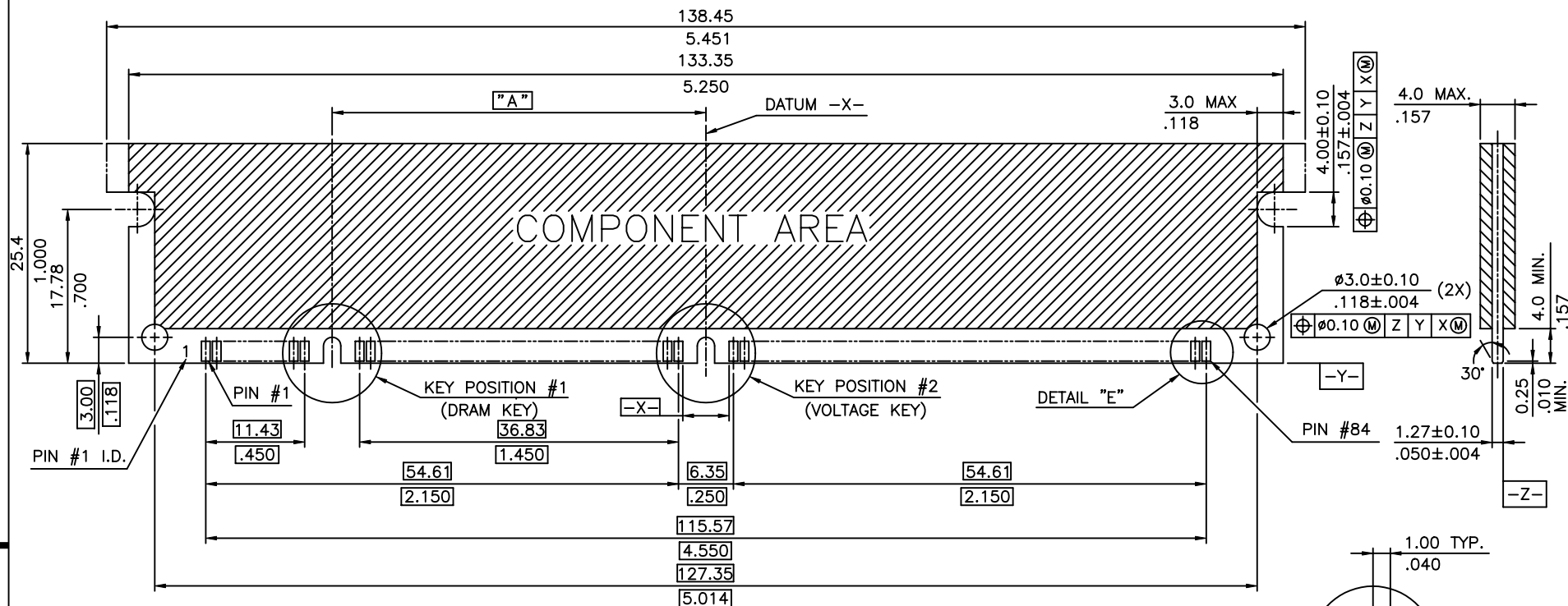
- 1.MATERIAL:
HOUSING: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR BLACK.
EJECTOR: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR NATURAL.
TERMINAL: PHOSPHOR BRONZE.
- 2.BERG LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
- 3.PRODUCT SPECIFICATION: GS-12-018.

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		A FCI www.fciconnect.com							
ltr	ecn no	dr	date	linear	.X ±.38/.015				projection 	title DIMM 168P .050" 1-ROW, V/T ASS'Y							
A	T70393	M W	09/09/97		.XX ±.25/.010												
B	T70448	M W	10/21/97		.XXX ±.15/.005												
C	T90103	M W	03/12/99	angles	0° ±2°					product family DIMM size dwg no A4 61816							
D	T04-0145	M W	04/07/04	dr	ANNY HUANG	01/28/97		MM ↔						code —			
E	T05-0039	R C	02/25/05	enrg	AINGE LIOU	01/28/97											
				chr	AINGE LIOU	01/28/97											
				appd	JENN TSAO	01/28/97											
sheet index	revision sheet	E 1	D 2	D 3	E 4	D 5											

1 | 2

3 |

4



KEY POS. #1	KEY POS. #2	DIM. "A"	DESCRIPTION
TYPE "R"	TYPE "C"	42.18 1.661	FOR UNBUFFERED DRAM, SYNCH DRAM, REGISTERED SDRAM, 3.3 VOLT.
TYPE "L"	TYPE "C"	44.18 1.739	FOR OPEN, 3.3 VOLT.
TYPE "C"	TYPE "C"	43.18 1.700	FOR STANDARD DRAM, BUFFERED 3.3 VOLT.
TYPE "R"	TYPE "L"	41.18 1.621	FOR NON-STANDARD DRAM, 5.0 VOLT.
TYPE "L"	TYPE "L"	43.18 1.700	FOR SYNC DRAM, 5.0 VOLT.
TYPE "C"	TYPE "L"	42.18 1.661	FOR STANDARD DRAM, 5.0 VOLT.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±.38/.015	projection	title		
D					.XX ±.25/.010		DIMM 168P .050" 1-ROW, V/T ASS'Y		
				angles	.XXX ±.15/.005				
					0° ±2°				
				dr	ANNY HUANG 01/28/97	MM	product family		code
				enr	AINGE LIOU 01/28/97		size		dwg no
				chr	AINGE LIOU 01/28/97	scale	A4		61816
				appd	JENN TSAO 01/28/97	1.5:1			sheet 2 of
sheet index	revision sheet						cage code		

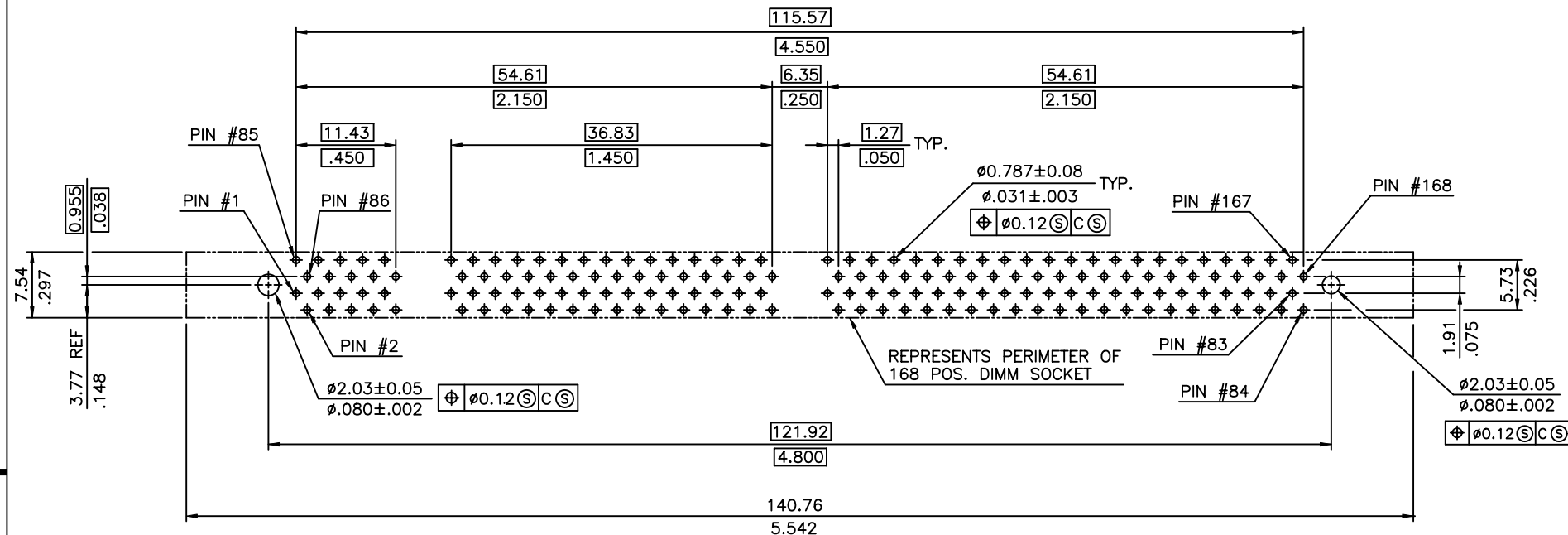
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

A

FCI

B



RECOMMENDED CIRCUIT BOARD HOLE LAYOUT

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±.38/.015	projection MM	title DIMM 168P .050" 1-ROW, V/T ASS'Y	product family DIMM	code —
D					.XX ±.25/.010				
					.XXX ±.15/.005				
				angles	0° ±2°	scale 1.5:1	A4	size 61816	sheet 3 of
				dr	ANNY HUANG 01/28/97				
				enr	AINGE LIOU 01/28/97				
				chr	AINGE LIOU 01/28/97				
				appd	JENN TSAO 01/28/97				
sheet index	revision sheet								

A

B

Tous droits strictement reserves. Reproduction ou communication a des tiers
interdit sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any
form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

1 | 2

3 |

4

PROD. NO.	DIM."A"	DIM."B"	DIM."C"	DIM."D"	HSG COLOR	RESIN	EJECTOR COLOR	RESIN	STYLE	MARKING STYLE #2	MARKING # STYLE
61816-1000*	42.18 1.661	2.59 .102	2.44 .096	4.0	BLACK	LCP	IVORY	LCP	FOR STANDARD DRAM, 5 VOLT.	STD	5.0
61816-1001*					IVORY		BLACK				
61816-1002*					IVORY		IVORY				
61816-1003*					BLACK		NATURAL	NYLON			
61816-1110*	3.35 .132	3.20 .126	BLACK		IVORY		LCP				
61816-1111*			IVORY		BLACK						
61816-1112*			IVORY		IVORY						
61816-1113*			BLACK		NATURAL		NYLON				
61816-2000*	43.18 1.700	2.59 .102	2.44 .096		BLACK		IVORY	LCP	FOR SYNC DRAM, 5 VOLT.	SYNC	5.0
61816-2001*					IVORY		BLACK				
61816-2002*					IVORY		IVORY				
61816-2003*					BLACK		NATURAL	NYLON			
61816-2110*	3.35 .132	3.20 .126	BLACK		IVORY		LCP				
61816-2111*			IVORY		BLACK						
61816-2112*			IVORY		IVORY						
61816-2113*			BLACK		NATURAL		NYLON				
61816-3000*	41.18 1.621	2.59 .102	2.44 .096		BLACK		IVORY	LCP	FOR NON-STANDARD DRAM, 5 VOLT.	NONE	5.0
61816-3001*					IVORY		BLACK				
61816-3002*					IVORY		IVORY				
61816-3003*					BLACK		NATURAL	NYLON			
61816-3110*	3.35 .132	3.20 .126	BLACK		IVORY		LCP				
61816-3111*			IVORY		BLACK						
61816-3112*			IVORY		IVORY						
61816-3113*			BLACK		NATURAL		NYLON				
61816-4000*	43.18 1.700	2.59 .102	2.44 .096		BLACK		IVORY	LCP	FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.	STD	3.3
61816-4001*					IVORY		BLACK				
61816-4002*					IVORY		IVORY				
61816-4003*					BLACK		NATURAL	NYLON			
61816-4110*	3.35 .132	3.20 .126	BLACK		IVORY		LCP				
61816-4111*			IVORY		BLACK						
61816-4112*			IVORY		IVORY						
61816-4113*			BLACK		NATURAL		NYLON				
61816-5000*	44.18 1.739	2.59 .102	2.44 .096		BLACK		IVORY	LCP	FOR OPEN, 3.3 VOLT.	NO MARKING	3.3
61816-5001*					IVORY		BLACK				
61816-5002*					IVORY		IVORY				
61816-5003*					BLACK		NATURAL	NYLON			
61816-5110*	3.35 .132	3.20 .126	BLACK		IVORY		LCP				
61816-5111*			IVORY		BLACK						
61816-5112*			IVORY		IVORY						
61816-5113*			BLACK		NATURAL		NYLON				
61816-6000*	42.18 1.661	2.59 .102	2.44 .096	BLACK	IVORY	LCP	FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.	NONE	3.3		
61816-6001*				IVORY	BLACK						
61816-6002*				IVORY	IVORY						
61816-6003*				BLACK	NATURAL	NYLON					
61816-6110*	3.35 .132	3.20 .126	BLACK	IVORY	LCP						
61816-6111*			IVORY	BLACK							
61816-6112*			IVORY	IVORY							
61816-6113*			BLACK	NATURAL	NYLON						

REMARK: 1. PROD. NO. MARK "*" SEE ABOVE PART NO. PLATING CODE DESCRIPTION.

2. SEE DESCRIPTION UNDER PLATING FOR THE MARK "*" IN THE COLUMN OF TERMINAL PART NO.

3. SOME P/N ARE NOT AVAILABLE. AS BELOW :

61816-40003
61816-41102
61816-41103
61816-41105
61816-50003
61816-51103
61816-60002
61816-60003
61816-60103
61816-61102
61816-61103
61816-61104
61816-61105

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X $\pm$.38/.015	projection 	title DIMM 168P .050" 1-ROW, V/T ASS'Y	product family DIMM	code -
E					.XX $\pm$.25/.010				
					.XXX $\pm$.15/.005				
				angles	0° $\pm$ 2°	MM 	size A4	dwg no 61816	sheet 4 of
				dr	ANNY HUANG 01/28/97				
				enrg	AINGE LIOU 01/28/97				
				chr	AINGE LIOU 01/28/97	scale 1:1			
				apdd	JENN TSAO 01/28/97				
sheet index	revision sheet								

1 | 2

3 |

4

ACAD

PDM: Rev:E

STATUS: Released

cage code
22526
Printed Jul 28, 2010

1 | 2

3

4

DIMM ASSEMBLY PART NUMBER

61816 - ☐ ☐ ☐ ☐ ☐

STYLE

- 1 : FOR STANDARD DRAM, 5 VOLT.
- 2 : FOR SYNC DRAM , 5 VOLT.
- 3 : FOR NON-STANDARD DRAM , 5 VOLT.
- 4 : FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.
- 5 : FOR OPEN, 3.3 VOLT.
- 6 : FOR UNBUFFERED DRAM , SYNCH DRAM, REGISTERED SDRAM , 3.3 VOLT.

PEG TYPE

- 0: Ø2.03 LOCATED PEG + DIM "D" = 3.04
- 1: Ø2.03 LOCATED PEG + DIM "D" = 3.80

TAIL LENGTH

CODE	DIM. "B"	DIM. "C"
0	2.59 .102	2.44 .096
1	3.35 .132	3.20 .126

PLATING

CODE	CONTACT	SOLDERTAIL	UNDERPLATE	
2	15μ"(0.38μm) MIN. GOLD	100μ"(2.54μm) MIN. TIN/LEAD	50μ" (1.27μm) MIN. NICKEL OVERALL	
3	30μ"(0.76μm) MIN. GOLD			
4	3μ" (0.076μm) MIN. GOLD			
5	GOLD FLASH OVER 15μ"(0.38μm) PdNi MIN.	100μ"(2.54μm) MIN. 100% TIN		
7	15μ"(0.38μm) MIN. GOLD			
8	30μ"(0.76μm) MIN. GOLD			
9	3μ" (0.076μm) MIN. GOLD			

COLOR OF HOUSING AND EJECTOR

- 0 : BLACK HOUSING + IVORY EJECTOR
- 1 : IVORY HOUSING + BLACK EJECTOR
- 2 : IVORY HOUSING + IVORY EJECTOR
- 3 : BLACK HOUSING + NATURAL EJECTOR
(HIGH TEMPERATURE NYLON)

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		 www.fciconnect.com			
ltr	ecn no	dr	date	linear	.X ±.38/.015				projection 	title			
D					.XX ±.25/.010					DIMM 168P .050" 1-ROW,			
					.XXX ±.15/.005					V/T ASS'Y			
				angles	0° ±2°				MM ←→	product family		code	
				dr	ANNY HUANG		01/28/97	DIMM		-			
				enr	AINGE LIOU		01/28/97	size		dwg no			
				chr	AINGE LIOU		01/28/97	A4		61816			
				appd	JENN TSAO		01/28/97	scale		5 of			
sheet index		revision sheet											

1 | 2

3

4