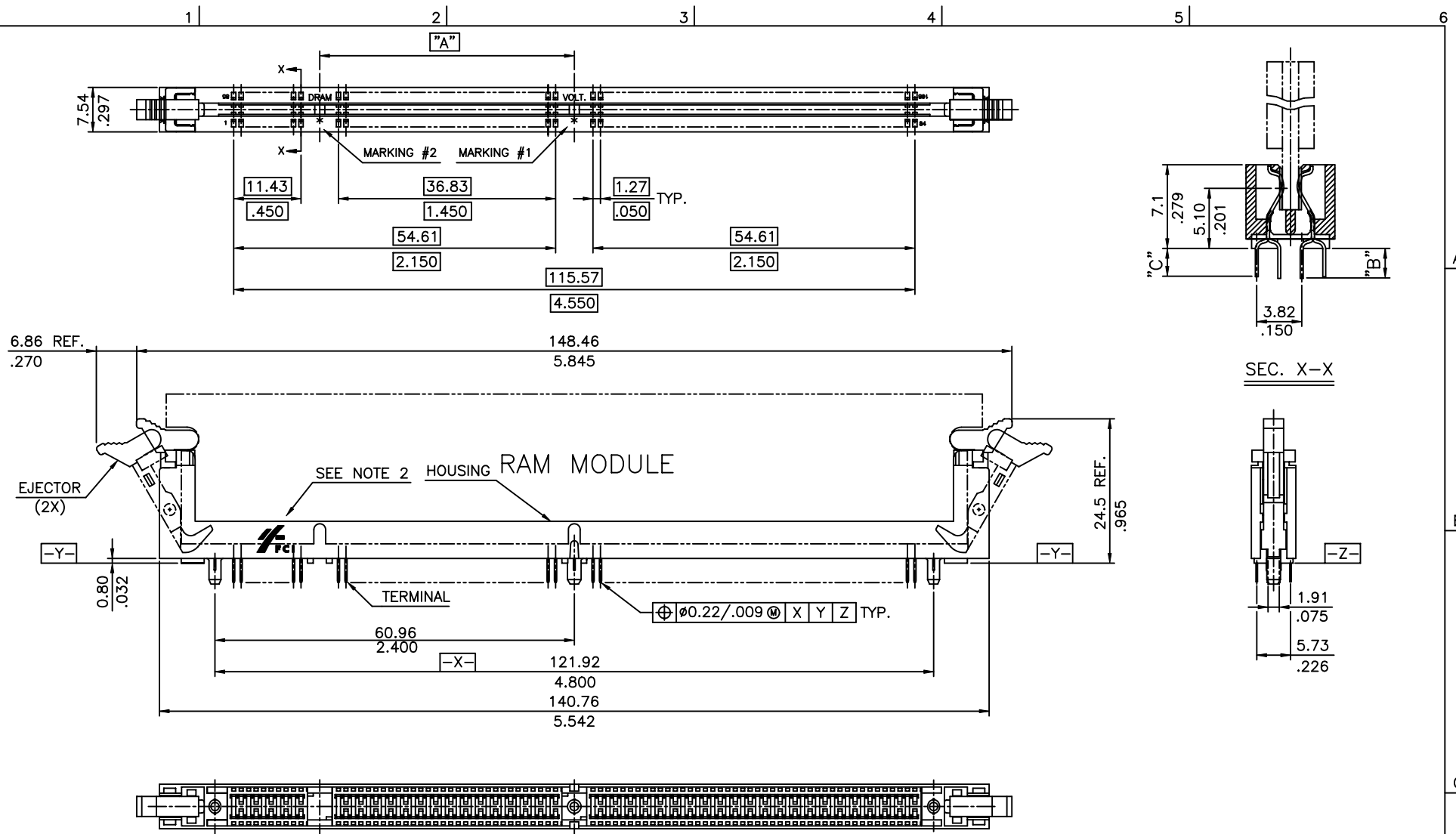




NOTE:

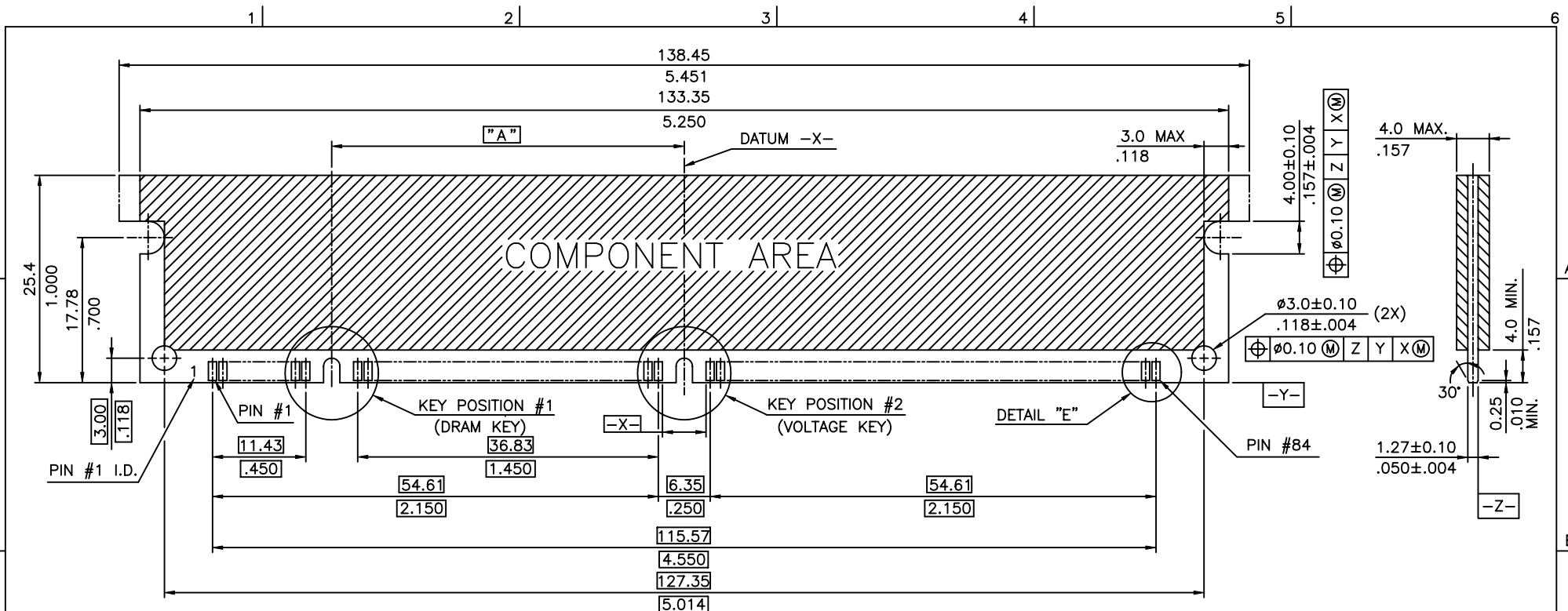
- 1.MATERIAL:
 HOUSING: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR BLACK.
 EJECTOR: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR NATURAL.
 TERMINAL: PHOSPHOR BRONZE.
- 2.FCI LOGO TO BE APPROXIMATELY LOCATED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

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics	
rev.	ecn no.	dr	date	linear	.0 ±.38/.015	projection	title	www.fciconnect.com	
A	T00062	M	Wp3/02/00		.00 ±.25/.010		DIMM 168P .050" 1-ROW, V/T ASS'Y		
B	T05-0039	R	C b2/25/05		.000±.015/.005				
				angles	± 2"	unit	product family	DIMM	code
				dr	MAGGIE WU10/28/99	mm/inch	size	dwg no.	TWN
				enqr	AINGE LIOU10/28/99	scale	A3	52478	1 OF 4
				chr	AINGE LIOU10/28/99	1.5 : 1			
				appd	JENN TSAO10/28/99				
sheet	revision	B	A	A	B				
index	sheet	1	2	3	4				

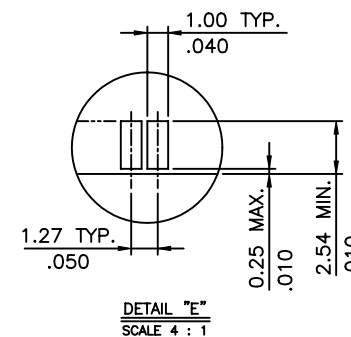
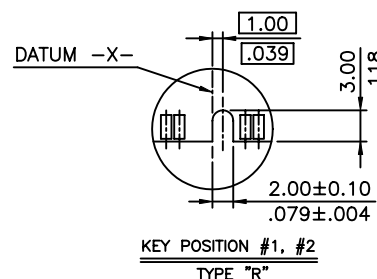
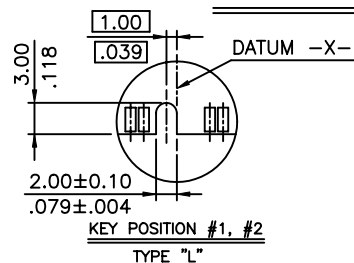
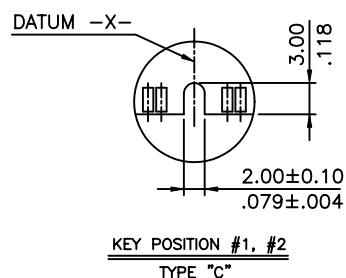
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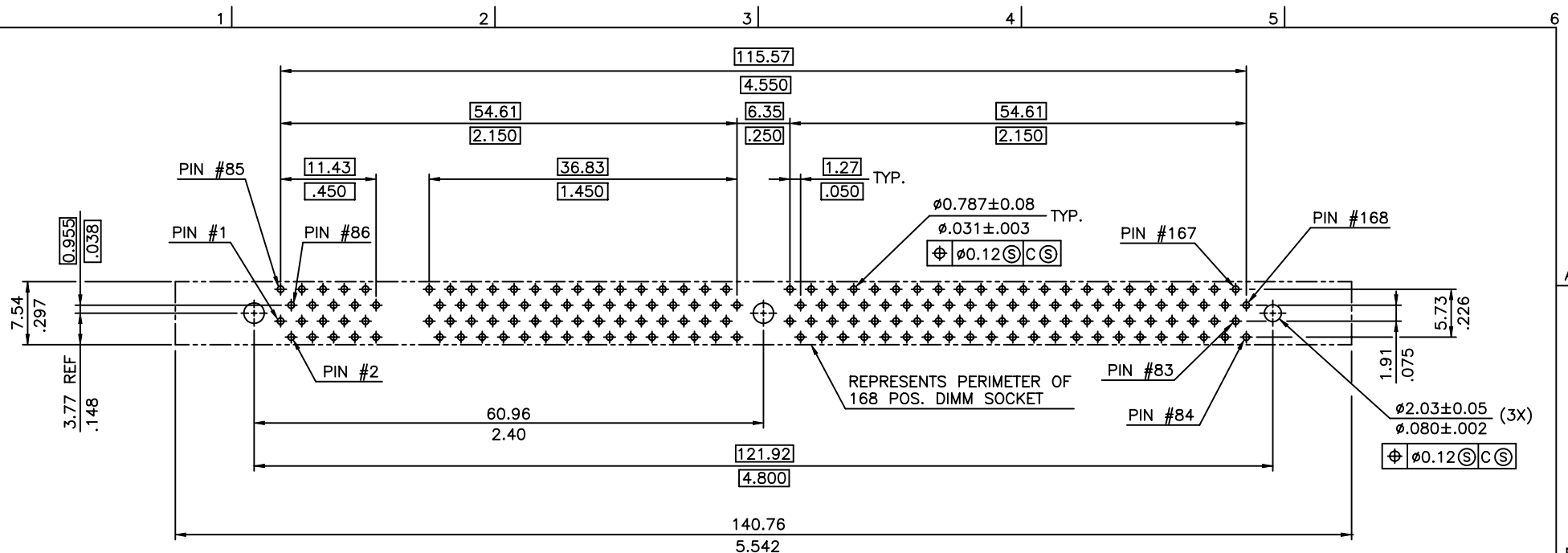


RECOMMENDED MODULE LAYOUT



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.
KEY POS. #1	KEY POS. #2	DIM. "A"	DESCRIPTION

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	.0 ±0.30/.012	projection	title DIMM 168P .050" 1-ROW, V/T ASS'Y	
A						.00 ±0.20/.008 .000±0.10/.004	⌀		
					angles	± 2°		product family	DIMM
					dr	MAGGIE WU10/28/99	unit	size	dwg no.
					enr	AINGE LIU10/28/99	mm/inch	A3	52478
					chr	AINGE LIU10/28/99	scale		
					appd	JENN TSAO10/28/99	2 : 1		
sheet	revision								
index	sheet								



RECOMMENDED CIRCUIT BOARD HOLE LAYOUT

DIMM ASSEMBLY PART NUMBER

52478 - ☐ ☐ ☐ ☐ ☐

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

2 : RETENTION PEG

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.		
6	GOLD FLASH OVER 30μ" (0.76μm) PdNi MIN.		

COLOR OF HOUSING AND EJECTOR

- 0 : BLACK HOUSING + IVORY EJECTOR
- 1 : IVORY HOUSING + BLACK EJECTOR
- 2 : IVORY HOUSING + IVORY EJECTOR

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	.0 ±0.30/.012	projection	title	
A						.00 ±0.20/.008		DIMM 168P .050" 1-ROW, V/T ASS'Y	
						.000±0.10/.004			
					angles	± 2°			
					dr	MAGGIE WU10/28/99	unit	product family	DIMM
					enr	AINGE LIU10/28/99	mm/inch	size	dwg no.
					chr	AINGE LIU10/28/99	scale	A3	52478
					appd	JENN TSAO10/28/99	2 : 1		
sheet	revision								
index	sheet								

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PROD. NO.	DIM."A"	DIM."B"	DIM."C"	HSG COLOR	RESIN	EJECTOR COLOR	RESIN	STYLE	MARKING #2 STYLE	MARKING #1 STYLE
52478-1200*	42.18 1.661	2.59 .102	2.44 .096	BLACK	LCP	IVORY	LCP	FOR STANDARD DRAM, 5 VOLT.	STD	5.0
52478-1201*				IVORY		BLACK				
52478-1202*				IVORY		IVORY				
52478-1210*				BLACK		IVORY				
52478-1211*				IVORY		BLACK				
52478-1212*				IVORY		IVORY				
52478-2200*	43.18 1.700	2.59 .102	2.44 .096	BLACK		IVORY	LCP	FOR SYNC DRAM, 5 VOLT.	SYNC	5.0
52478-2201*				IVORY		BLACK				
52478-2202*				IVORY		IVORY				
52478-2210*				BLACK		IVORY				
52478-2211*				IVORY		BLACK				
52478-2212*				IVORY		IVORY				
52478-3200*	41.18 1.621	2.59 .102	2.44 .096	BLACK		IVORY	LCP	FOR NON-STANDARD DRAM, 5 VOLT.	NONE	5.0
52478-3201*				IVORY		BLACK				
52478-3202*				IVORY		IVORY				
52478-3210*				BLACK		IVORY				
52478-3211*				IVORY		BLACK				
52478-3212*				IVORY		IVORY				
52478-4200*	43.18 1.700	2.59 .102	2.44 .096	BLACK		IVORY	LCP	FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.	STD	3.3
52478-4201*				IVORY		BLACK				
52478-4202*				IVORY		IVORY				
52478-4210*				BLACK		IVORY				
52478-4211*				IVORY		BLACK				
52478-4212*				IVORY		IVORY				
52478-5200*	44.18 1.739	2.59 .102	2.44 .096	BLACK		IVORY	LCP	FOR OPEN, 3.3 VOLT.	NO MARKING	3.3
52478-5201*				IVORY		BLACK				
52478-5202*				IVORY		IVORY				
52478-5210*				BLACK		IVORY				
52478-5211*				IVORY		BLACK				
52478-5212*				IVORY		IVORY				
52478-6200*	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
52478-6201*				IVORY		BLACK				
52478-6202*				IVORY		IVORY				
52478-6210*				BLACK		IVORY				
52478-6211*				IVORY		BLACK				
52478-6212*				IVORY		IVORY				

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. PART NO. 52478-12102 IS NOT AVAILABLE.

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn	no.	dr	date	linear	.0 ±	projection	title	
B						.00 ±		DIMM 168P .050" 1-ROW, V/T ASS'Y	
						.000±			
					angles	±	unit	product family DIMM	
					dr	MAGGIE WU10/28/99	mm/inch	code	
					enqr	AINGE LIU10/28/99	scale	TWN	
					chr	AINGE LIU10/28/99	1 : 1	sheet	
					appd	JENN TSAO10/28/99		4 OF	
sheet	revision								
index	sheet								