

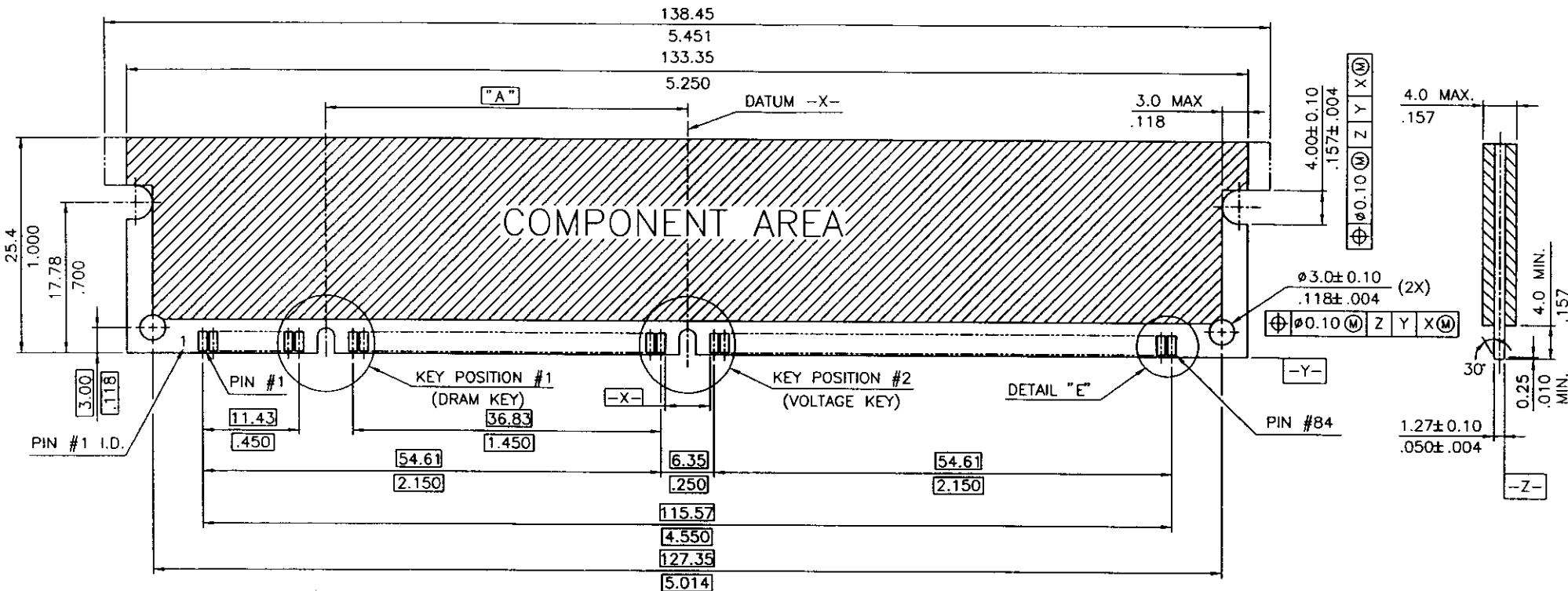
- NOTE:
- MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED UL94V-0 HOUSING: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR BLACK OR NATURAL. EJECTOR: LIQUID CRYSTAL POLYMER OR OTHER HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED, COLOR BLACK OR NATURAL. TERMINAL: PHOSPHOR BRONZE.
  - BERG LOGO TO BE APPROXIMATELY LOCATED AS SHOWN ON PRINT.
  - PRODUCT SPECIFICATION: GES-12-066.
  - FOR 91145-XXXXXP PARTS ONLY : BOTH SIDE SURFACE OF THE PLASTIC BODY ARE ALL FLAT, WITHOUT ANY MOLD CATCHING-UP MARK AS PRINT SPECIFIED.

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	 Electronics www.fciconnect.com	
rev.	ecn no.	dr	date	linear	.0 ±0.38/.015	projection	title	
H	T70114	A	H04/24/97	.00 ±0.25/.010	.000 ±0.13/.005		DIMM .050" 1-ROW, 168P V/T ASSY	
J	T00048	M	W02/22/00	angles	± Z		product family	code
C	T60263	A	H07/02/96	dr	CATHY LIN 03/16/95		DIMM	TWN
D	T60350	A	H08/28/96	enr	CATHY LIN 03/16/95	unit	size	sheet
E	T60477	A	H12/06/96	chr	WAYNE YU 03/16/95	mm/inch	dwg no.	1 OF 4
F	T70070	A	H02/20/97	appd	JENN TSAO 03/16/95	scale	91145	
G	T70103	A	H03/13/97			1.5 : 1	A3	
sheet	revision	J	H	H	J			
index	sheet	1	2	3	4			

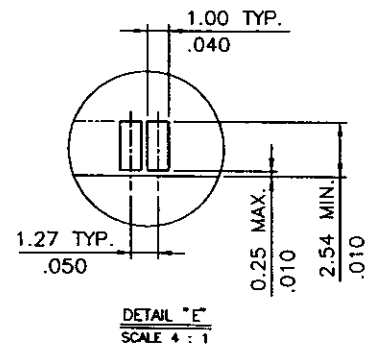
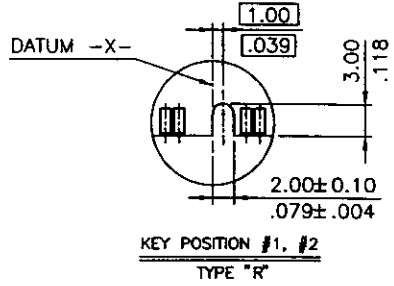
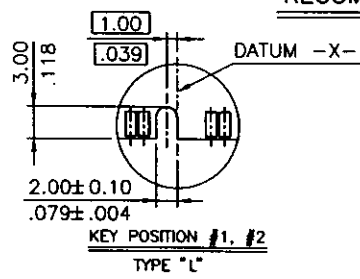
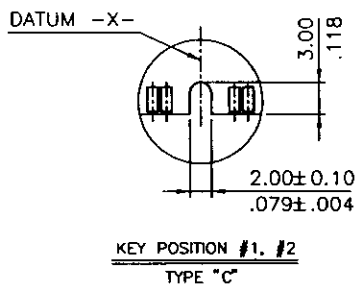
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**RECOMMENDED MODULE LAYOUT**

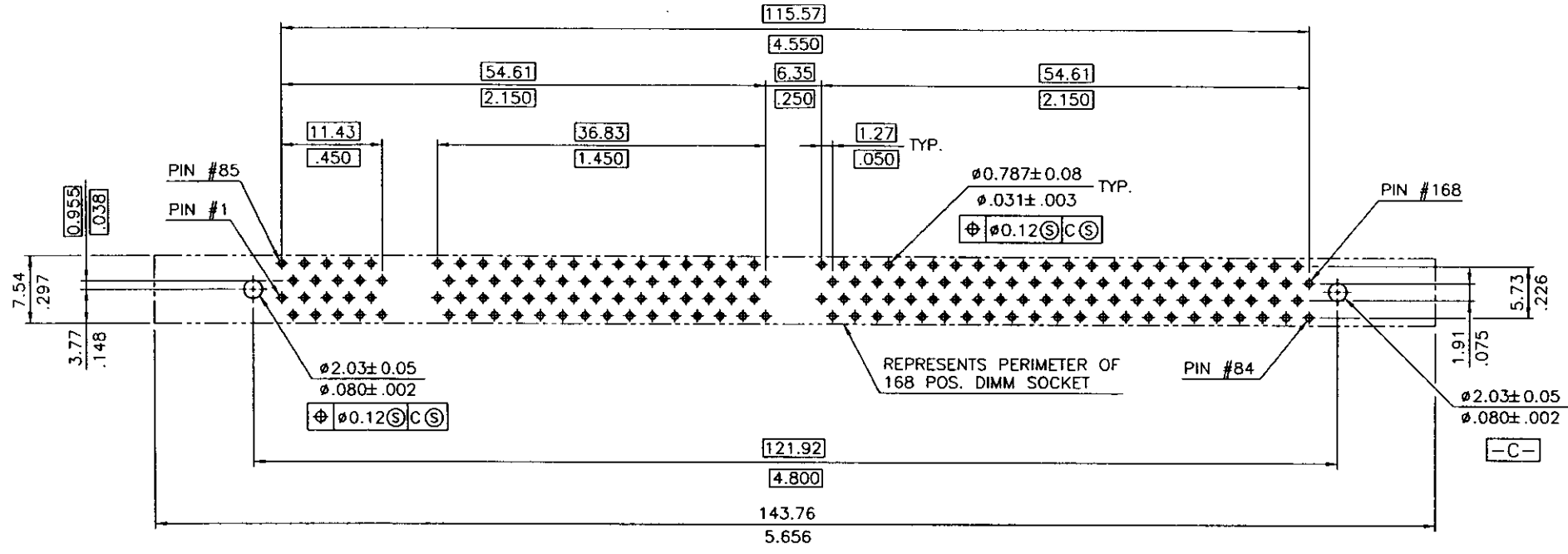


KEY POS. #1	KEY POS. #2	DIM. "A"	DESCRIPTION
TYPE "R"	TYPE "C"	42.18 1.661	FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.
TYPE "L"	TYPE "C"	44.18 1.739	FOR OPEN, 3.3 VOLT.
TYPE "C"	TYPE "C"	43.18 1.700	FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.
TYPE "R"	TYPE "L"	41.18 1.621	FOR NON-STANDARD 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		tolerance unless otherwise specified		CUSTOMER COPY		<b>BERG ELECTRONICS</b>	
rev.	ecn no.	dr	date	linear	projection	title	
H				.0 ± 0.30/.012 .00 ± 0.20/.008 .000 ± 0.10/.004		DIMM .050" 1-ROW, 168P V/T ASSY	
				angles	± Z	product family	code
				dr	CATHY LIN 03/16/95	unit	TWN
				enqr	CATHY LIN 03/16/95	mm/inch	sheet
				chr	WAYNE YU 03/16/95	size	2 OF 4
				oppp	JENN TSAO 03/16/95	scale	
				2 : 1		dwg no.	
sheet		revision		A3		91145	
index		sheet					

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RECOMMENDED CIRCUIT BOARD HOLE LAYOUT

DIMM ASSEMBLY PART NUMBER  
 91145 - □ □ □ □ □ □

CHAMFER STYLE:  
 N: CHAMFER 3.44X4.0 (X,Y)  
 M OR OTHERS: CHAMFER 3.44X3.0 (X,Y)

PLATING

CODE	CONTACT	SOLDERTAIL	UNDERPLATE
1	150μ" (3.81μm) MIN. TIN/LEAD		
2	15μ" (0.38μm) MIN. GOLD		
3	30μ" (0.76μm) MIN. GOLD		
4	3μ" (0.076μm) MIN. GOLD	100μ" (2.54μm) MIN. TIN/LEAD	50μ" (1.27μm) MIN. NICKEL OVERALL
5	15μ" (0.38μm) MIN. GXT		
6	30μ" (0.76μm) MIN. GXT		
7	60μ" (1.52μm) MIN. GXT		

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 (HI TEMPERATURE NYLON)

STYLE

- 1 : FOR STANDARD DRAM, 5.0 VOLT.
- 2 : FOR SYNC DRAM, 5.0 VOLT.
- 3 : FOR NON-STANDARD DRAM, 5.0 VOLT.
- 4 : FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.
- 5 : FOR OPEN, 3.3 VOLT.
- 6 : FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.

PEG TYPE

- 0 : ø2.03/.080 PEG + DIM."D"=3.04/.120.
- 1 : ø2.03/.080 PEG + DIM."D"=3.80/.150.

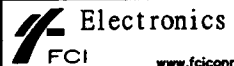

TAIL LENGTH

CODE	DIM. "B"	DIM. "C"
0	2.54 .100	2.39 .094
1	3.30 .130	3.15 .124

mat'l code		tolerance unless otherwise specified		CUSTOMER COPY		BERG ELECTRONICS	
rev.	ecn no.	dr	date	linear	.0 ±0.30/.012	projection	title
H					.00 ±0.20/.008		DIMM .050" 1-ROW, 168P V/T ASSY
				angles	± Z		
				dr	CATHY LIN 03/16/95	unit	product family
				enqr	CATHY LIN 03/16/95	mm/inch	code
				chr	WAYNE YU 03/16/95	scale	size
				oppd	JENN TSAO 03/16/95	2 : 1	dwg no.
sheet	revision						91145
index	sheet						TWN
							sheet
							3 OF 4

PROD. NO.	DIM."A"	DIM."B"	DIM."C"	DIM."D"	HOUSING COLOR	RESIN	EJECTOR COLOR	RESIN	STYLE	MARKING #2 STYLE	MARKING #1 STYLE
91145-1000**	42.18 1.661	2.54 .100	2.39 .094	3.04 .120	BLACK	LCP	IVORY	LCP	FOR STANDARD DRAM, 5 VOLT.	STD	5.0
91145-1001**					BLACK		BLACK				
91145-1002**					IVORY		IVORY				
91145-1003**					NATURAL		NYLON				
91145-1110**	43.18 1.700	3.30 .130	3.15 .124	3.80 .150	BLACK	LCP	IVORY	LCP	FOR SYNC DRAM, 5 VOLT.	SYNC	5.0
91145-1111**					BLACK		BLACK				
91145-1112**					IVORY		IVORY				
91145-1113**					NATURAL		NYLON				
91145-2000**	41.18 1.621	2.54 .100	2.39 .094	3.04 .120	BLACK	LCP	IVORY	LCP	FOR NON-STANDARD DRAM, 5 VOLT.	NONE	5.0
91145-2001**					BLACK		BLACK				
91145-2002**					IVORY		IVORY				
91145-2003**					NATURAL		NYLON				
91145-3110**	43.18 1.700	3.30 .130	3.15 .124	3.80 .150	BLACK	LCP	IVORY	LCP	FOR STANDARD DRAM, BUFFERED, 3.3 VOLT.	STD	3.3
91145-3111**					BLACK		BLACK				
91145-3112**					IVORY		IVORY				
91145-3113**					NATURAL		NYLON				
91145-4000**	44.18 1.739	2.54 .100	2.39 .094	3.04 .120	BLACK	LCP	IVORY	LCP	FOR OPEN, 3.3 VOLT.	NO MARKING	3.3
91145-4001**					BLACK		BLACK				
91145-4002**					IVORY		IVORY				
91145-4003**					NATURAL		NYLON				
91145-5110**	42.18 1.661	3.30 .130	3.15 .124	3.80 .150	BLACK	LCP	IVORY	LCP	FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.	NONE	3.3
91145-5111**					BLACK		BLACK				
91145-5112**					IVORY		IVORY				
91145-5113**					NATURAL		NYLON				
91145-6010**	42.18 1.661	3.30 .130	3.15 .124	3.04 .120	BLACK	LCP	IVORY	LCP	FOR UNBUFFERED DRAM, SYNC DRAM, REGISTERED SDRAM, 3.3 VOLT.	NONE	3.3
91145-6011**					BLACK		BLACK				
91145-6012**					IVORY		IVORY				
91145-6013**					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.

mat'l code		tolerance unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
rev.	ecn no.	dr	date	linear	.0 ±0.38/.015	projection	title
J					.00 ±0.25/.010		DIMM .050" 1-ROW, 168P V/T ASSY
				angles	.000 ±0.13/.005		
				dr	CATHY LIN 03/16/95	unit	product family DIMM
				enr	CATHY LIN 03/16/95	mm/inch	code
				chr	WAYNE YU 03/16/95	scale	TWN
				appd	JENN TSAO 03/16/95	1 : 1	sheet
sheet/revision							4 OF 4
index	sheet						