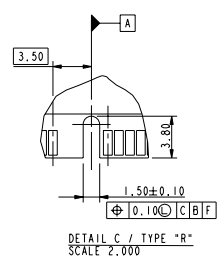
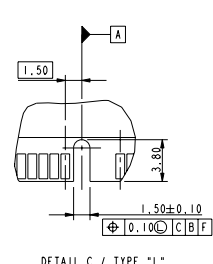
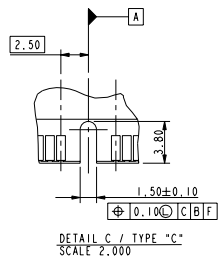
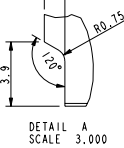
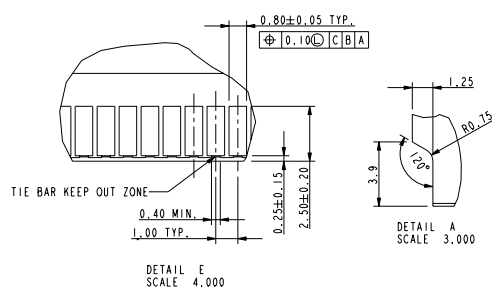


SCALE 1.000
RECOMMENDED MODULE LAYOUT (PER JEDEC MO-256)



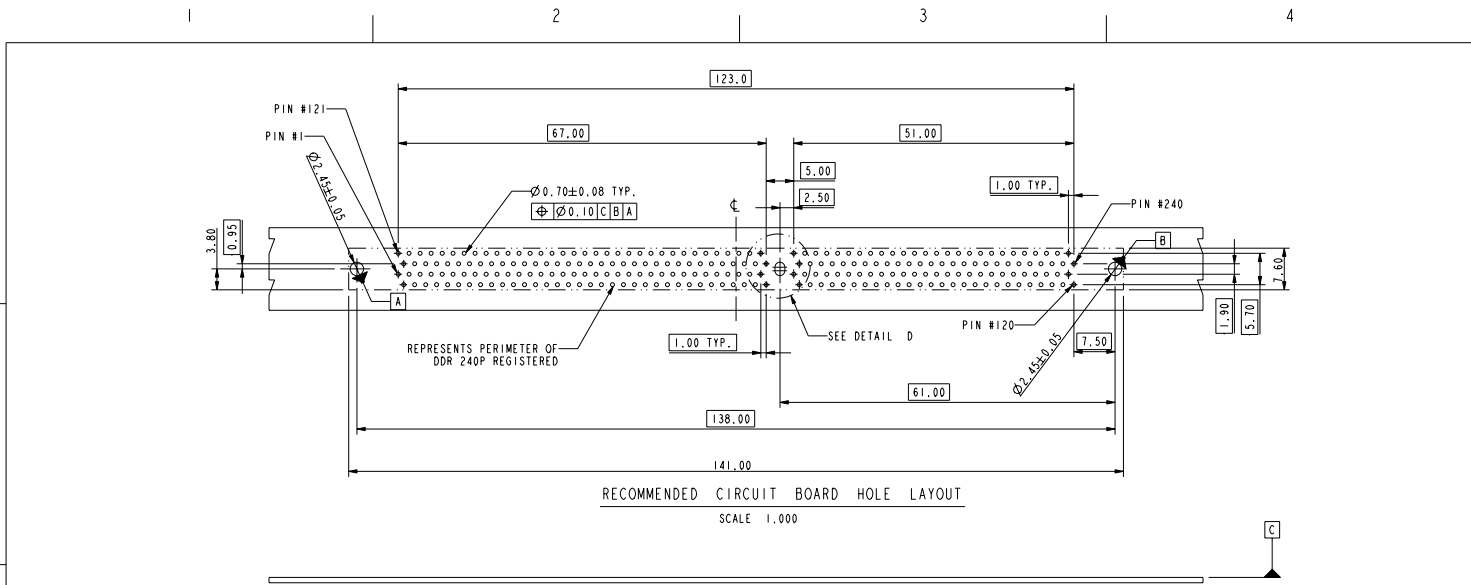
tolerances unless otherwise specified		
linear	.X	±0.38
	.XX	±0.15
	.XXX	±0.13
angles	X°	±2°

TYPE	R	X, X VOLTAGE	6.80	1.40	2.80	8.20	6.80	3.00	4.40	9.80
TYPE L		2.5 VOLTAGE	6.80	1.40	2.80	8.20	6.80	3.00	4.40	9.80
TYPE C		1.8 VOLTAGE	6.80	1.40	2.80	8.20	6.80	3.00	4.40	9.80
SUB KEY POS. #1	DESCRIPTION	DIM. E1 MAX.	DIM. E2 MAX.	DIM. E3 MAX.	DIM. E MAX.	DIM. E1 MAX.	DIM. E2 MAX.	DIM. E3 MAX.	DIM. E MAX.	
		TYPE 1				TYPE 2				

Mark with 10037402 REV. P in area indicated by X....		Material		Spec ref	
Dr CHARLIE S 05/30/06		Mat code		tolerance	
Eng CHARLIE S 05/30/06		Heat treat		projection	
Chr BEER FU 05/30/06		Plating/Finish		size A4 Scale 0.500	
Appr JOESPH HSIA 05/30/06		Product family		ECN DG06-0209	
		Model Name 10037402		REL Level	
		Model Revision			
FCI		title DDR11 240P, FBD1MM		dwg no 10037402	
Prof/E file catalog		PDM: Rev:P		Rev. P	
		STATUS Released		CUSTOMER DRAWING sheet 2 of 4	
				Printed: Jul 26, 2010	



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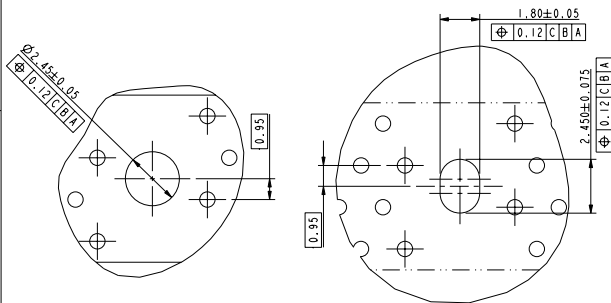


RECOMMENDED CIRCUIT BOARD HOLE LAYOUT
SCALE 1,000

DETAIL D
SCALE 4,000

OPTION 1
CENTER ROUND HOLE

OPTION 2
CENTER SLOT



Tolerances unless otherwise specified		
linear	.X	±0.38
	.XX	±0.25
	.XXX	±0.13
angles	X°	±2°

Mark with 10037402 REV. P in area indicated by X.....	Material	Spec ref		tolerance <input checked="" type="checkbox"/>	projection <input checked="" type="checkbox"/>	size A4	Scale 0.500																																				
	Mat code																																										
	Heat treat			Product family		ECN DG06-0209																																					
	Plating/Finish			Model Name 10037402		REL Level																																					
<table border="1"> <thead> <tr> <th>rev</th> <th>ech no</th> <th>dr</th> <th>date</th> </tr> </thead> <tbody> <tr><td>P</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	rev	ech no	dr	date	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Dr CHARLIE S 05/30/06 Eng CHARLIE S 05/30/06 Chr BEER FU 05/30/06 Appr JOESPH HSIA 05/30/06	Model Revision		Model Name 10037402		Model Revision	
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Title DDR11 240P, FBD1MM		Part no 10037402		Rev. P		Customer Drawing																																					
Prof/E file catalog		PDM: Rev:P		STATUS Released		sheet 3 of 4																																					

REV. E 2004-01-28

Printed: Jul 28, 2010



10037402-□ □ □ □ □

STYLE : MECHANICAL KEYING

- 1 : 1.8 VOLT. W/TYPE "C"
- 2 : 2.5 VOLT. W/TYPE "L"
- 3 : X.X VOLT. W/TYPE "R"

METAL CLIP
(WITH NI 1.27 um MIN. PLATING)

- 1 : WITH METAL CLIP + DIM. "D"=3.05
- 2 : WITH METAL CLIP + DIM. "D"=3.56
- 3 : WITH METAL CLIP + DIM. "D"=3.43

TAIL LENGTH

CODE	DIM. "B"	PCB THICKNESS
0	2.54	1.47 mm (0.058")
1	2.67	1.60 mm (0.063")
2	3.18	2.36 mm (0.093")
3	4.00	3.18 mm (0.125")

PLATING

CODE	CONTACT	SOLDERTAIL	UNDERPLATE
2	15 u"(0.38um) MIN. GOLD		
3	30u"(0.76um) MIN. GOLD	100u"(2.54um) MIN. TIN/LEAD	50u"(1.27um) MIN. NICKEL OVERALL
4	3u"(0.076um) MIN. GOLD		
7LF	15u"(0.38um) MIN. GOLD		
8LF	30u"(0.76um) MIN. GOLD	100u"(2.54um) MIN. 100% TIN	50u"(1.27um) MIN. NICKEL OVERALL
9LF	3u"(0.076um) MIN. GOLD		
2N	15 u"(0.38um) MIN. GOLD		
3N	30 u"(0.76um) MIN. GOLD	100u"(2.54um) MIN. TIN/LEAD	90u"(2.29um) MIN. NICKEL OVERALL
4N	3 u"(0.076um) MIN. GOLD		
7NLF	15 u"(0.38um) MIN. GOLD		
8NLF	30 u"(0.76um) MIN. GOLD	100u"(2.54um) MIN. 100% TIN	90u"(2.29um) MIN. NICKEL OVERALL
9NLF	3 u"(0.076um) MIN. GOLD		

COLOR OF HOUSING AND EJECTOR

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

NOTE:

1. MATERIAL : HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED UL94V-0 RATED. EJECTOR: HIGH PERFORMANCE RESINS, GLASS FILLED UL 94V-0 RATED. TERMINAL : COPPER ALLOY. METAL CLIP: COPPER ALLOY. PRODUCT SPECIFICATION: GS-12-300.
2. DIMENSIONS APPLICABLE WHEN COMPONENTS MOUNTED ON ONE OR BOTH SIDES. CARD THICKNESS APPLIES ACROSS TABS AND INCLUDES PLATING AND/OR MEALIZATION STRAIGHTNESS CALLOUT APPLIES TO ZONE DEFINED BY THE 4.00 CONTACT AREA DIMENSION FOR THE ENTIRE LENGTH OF 133.35.
3. BOARD OF COMPONENT AREA.
4. LATCH DESIGN INCLUDES COMPLEMENTARY FEATURE TO ACCOMMODATE MODULE END NOTCHES AS DEFINED IN DETAIL A OF P.2 AND AS SPECIFIED IN MO-256.
5. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMP. FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
7. 10037402-XXXXXX1LF SERIES ARE FOR LEAD-FREE OPTIONS.
8. DATE CODE: XXXXX** SHOWS DAY/MONTH/YEAR. ** MEANS PRODUCTION LINE CODE. EX:122505 MEANS 12/25/2005. WILL BE PRINTED ON SOCKET.

TOLERANCES UNLESS OTHERWISE SPECIFIED		
LINEAR	0.X	±0.3
	0.XX	±0.15
	0.XXX	±0.100
ANGULAR	0°	±2°

Mark with 10037402 REV. P in area indicated by X.....		Material Mat code		Spec ref		tolerance		projection		MM	
Dr CHARLIE S 05/30/06		Heat treat		Plating/Finish		size A4		Scale 0.500		ECN DG06-0209	
Eng CHARLIE S 05/30/06		Product family		Model Name 10037402		REL Level		Rev. P		P	
Chr BEER FU 05/30/06		Model Revision		Title DDR11 240P. FBD1MM		Part no 10037402		Status PDM: Rev:P		CUSTOMER DRAWING	
Appr JOESPH HSIA 05/30/06		Prof/E file catalog		sheet 4 of 4		Printed: Jul 26, 2010					