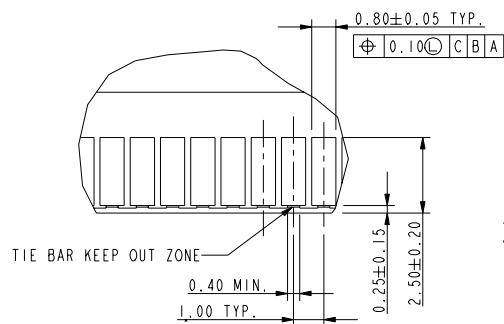
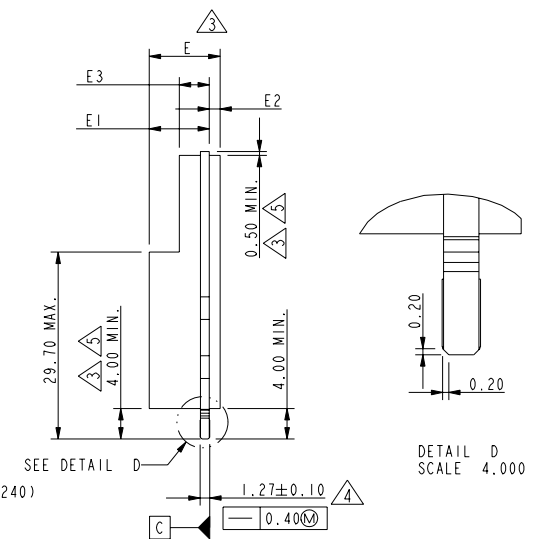
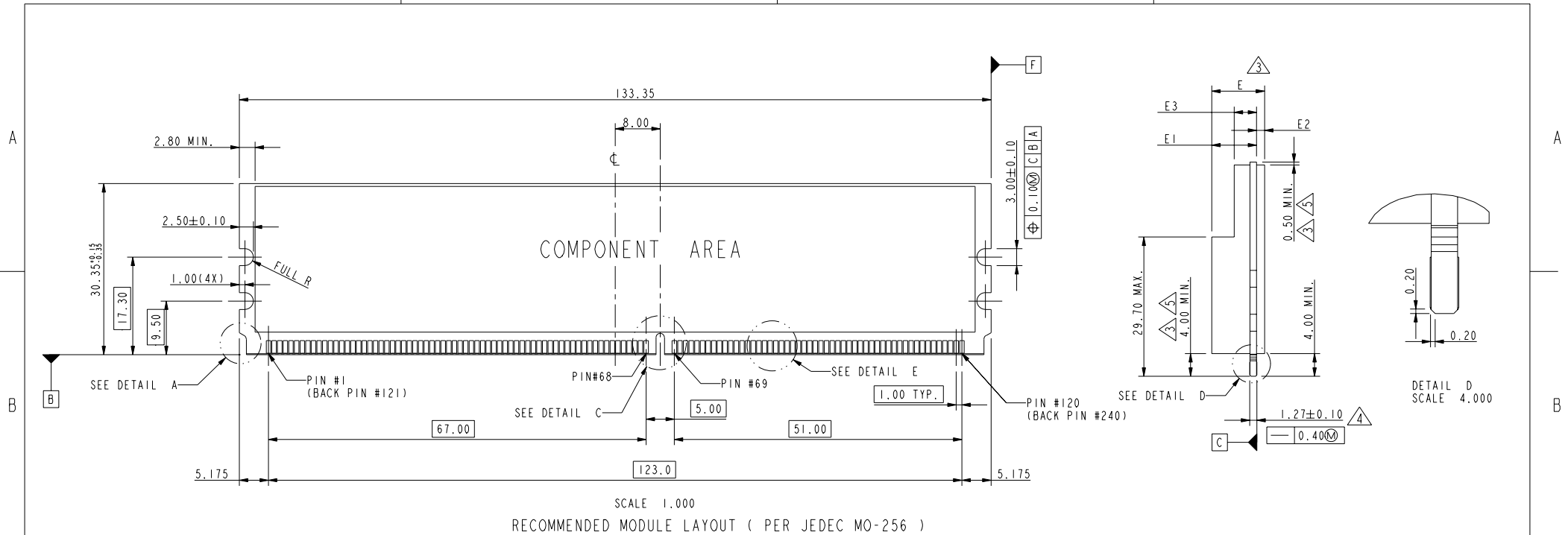


| tolerances unless otherwise specified |      |               |
|---------------------------------------|------|---------------|
| linear                                | .X   | $\pm 0.38$    |
|                                       | .XX  | $\pm 0.15$    |
|                                       | .XXX | $\pm 0.13$    |
| angles                                | X°   | $\pm 2^\circ$ |

Mark with  
10037402  
REV. P  
in area indicated  
by X.....

| rev | ecn no | dr | date |
|-----|--------|----|------|
| P   | -      | -  | -    |
| -   | -      | -  | -    |
| -   | -      | -  | -    |
| -   | -      | -  | -    |
| -   | -      | -  | -    |
| -   | -      | -  | -    |

Material  
Mat code  
Heat treat  
Plating/Finish

|      |             |          |
|------|-------------|----------|
| Dr   | CHARLIE S   | 05/30/06 |
| Eng  | CHARLIE S   | 05/30/06 |
| Chr  | BEER FU     | 05/30/06 |
| Appr | JOESPH HSIA | 05/30/06 |



Pro/E file  
catalog

title  
DDR11 240P, FBDIMM

Spec ref

tolerance  
✓

projection  
⊕

MM  
← →

size  
A4

Scale  
0.500

Product family

Model Name 10037402

Model Revision

ECN DG06-0209

REL Level

10037402

Rev.  
P

CUSTOMER DRAWING

sheet 2 of 4





## NOTE:

- 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.
- 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.
- BOARD OF COMPONENT AREA.
- LATCH DESIGN INCLUDES COMPLEMENTARY FEATURE TO ACCOMMODATE MODULE END NOTCHES AS DEFINED IN DETAIL A OF P.2 AND AS SPECIFIED IN MO-256.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMP. FOR 10 SECONDS IN A WAVE SOLDER APPLICATION
- 10037402-XXXXX(X)LF SERIES ARE FOR LEAD-FREE OPTIONS.
- DATE CODE:XXXXXX\* SHOWS DAY/MONTH/YEAR."\*" MEANS PRODUCTION LINE CODE.  
EX:122505 MEANS 12/25/2005.WILL BE PRINTED ON SOCKET.

10037402-□□□□□

## STYLE : MECHAMICAL 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)<br>MIN. GOLD | 100u"(2.54um)<br>MIN. TIN/LEAD | 50u"(1.27um)<br>MIN. NICKEL<br>OVERALL |
| 3    | 30u"(0.76um)<br>MIN. GOLD  |                                |                                        |
| 4    | 3u"(0.076um)<br>MIN. GOLD  |                                |                                        |
| 7LF  | 15u"(0.38um)<br>MIN. GOLD  | 100u"(2.54um)<br>MIN. 100% TIN | 50u"(1.27um)<br>MIN. NICKEL<br>OVERALL |
| 8LF  | 30u"(0.76um)<br>MIN. GOLD  |                                |                                        |
| 9LF  | 3u"(0.076um)<br>MIN. GOLD  |                                |                                        |
| 2N   | 15 u"(0.38um)<br>MIN. GOLD | 100u"(2.54um)<br>MIN. TIN/LEAD | 90u"(2.29um)<br>MIN. NICKEL<br>OVERALL |
| 3N   | 30 u"(0.76um)<br>MIN. GOLD |                                |                                        |
| 4N   | 3 u"(0.076um)<br>MIN. GOLD |                                |                                        |
| 7NLF | 15 u"(0.38um)<br>MIN. GOLD | 100u"(2.54um)<br>MIN. 100% TIN | 90u"(2.29um)<br>MIN. NICKEL<br>OVERALL |
| 8NLF | 30 u"(0.76um)<br>MIN. GOLD |                                |                                        |
| 9NLF | 3 u"(0.076um)<br>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

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

|                                                                   |           |          |      |                                                                                       |                |          |                |                    |                  |            |              |                                                                                                    |  |
|-------------------------------------------------------------------|-----------|----------|------|---------------------------------------------------------------------------------------|----------------|----------|----------------|--------------------|------------------|------------|--------------|----------------------------------------------------------------------------------------------------|--|
| Mark with<br>10037402<br>REV. P<br>in area indicated<br>by X..... |           |          |      | Material                                                                              |                | Spec ref |                |                    |                  |            |              |                                                                                                    |  |
|                                                                   |           |          |      | Mat code                                                                              |                | ✓        |                | tolerance          |                  | projection |              | <br><b>MM</b> |  |
|                                                                   |           |          |      | Heattreat                                                                             |                |          |                |                    |                  |            |              |                                                                                                    |  |
|                                                                   |           |          |      | Plating/Finish                                                                        |                |          |                |                    |                  |            |              |                                                                                                    |  |
| rev                                                               | ecn no    | dr       | date | Dr                                                                                    | CHARLIE S      | 05/30/06 |                |                    | size             | A4         | Scale        | 0.500                                                                                              |  |
| Eng                                                               | CHARLIE S | 05/30/06 |      |                                                                                       | Product family |          |                |                    |                  |            |              |                                                                                                    |  |
| P                                                                 | -         | -        | -    | Chr                                                                                   | BEER FU        | 05/30/06 | Model Name     |                    | 10037402         | ECN        | DG06-0209    |                                                                                                    |  |
| -                                                                 | -         | -        | -    | Appr                                                                                  | JOESPH HSIA    | 05/30/06 | Model Revision |                    |                  |            | REL Level    |                                                                                                    |  |
| -                                                                 | -         | -        | -    |  |                | title    |                | DDR11 240P. FBDIMM |                  | dwg no     |              | 10037402                                                                                           |  |
| -                                                                 | -         | -        | -    |                                                                                       |                |          |                |                    |                  | Rev.       |              | P                                                                                                  |  |
| -                                                                 | -         | -        | -    | Pro/E file                                                                            |                | catalog  | BDM Rev D      |                    | CUSTOMER DRAWING |            | sheet 4 of 4 |                                                                                                    |  |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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