



JEDEC
SOLID STATE
PRODUCT OUTLINE

DEVELOPED BY THE JEDEC JC11 GROUP
AS A TOOL TO MEASURE THE INSERTION AND EXTRACTION
FORCE OF THE DDR3 DIMM SOCKET.
CHANGES ARE LIKELY TO OCCUR.

TITLE:

DDR3 DIMM SOCKET INSERTION
AND EXTRACTION FORCE GAUGE

DESIGNATOR:

ISSUE:

A

DATE:

July 2006

ITEM NO.

GS-005

PAGE:

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	INSERTION GAUGE			EXTRACTION GAUGE			
	GS-005-1			GS-005-2			
SYMBOL	MIN	NOM	MAX	MIN	NOM	MAX	NOTES
D	12.00 BASIC			12.00 BASIC			
E	1.36	1.37	1.38	1.16	1.17	1.18	
ISSUE	A			A			
REF	DDR3			DDR3			
NOTES							

1. INSERTION AND EXTRACTION FORCE GAUGE MATERIAL PROPERTIES:

MATERIAL: 440-B STAINLESS STEEL

HARDNESS: 50-58 ROCKWELL C

SURFACE FINISH: B3 (FINE GROUND)

2. THE FRONT AND BACK SURFACES TO BE FINISHED TO AN A3 (MIRROR FINISH) FROM DATUM B TO A HEIGHT OF 5.0 MM.

3. THE INSERTION AND EXTRACTION FORCE GAUGE SHOULD BE MARKED WITH THE FOLLOWING INFORMATION:

THICKNESS: THICKNESS DIMENSION E

PART NUMBER: JEDEC GS-005

SERIAL NUMBER: (DEPENDANT ON MANUFACTURER)

MANUFACTURER: (NAME)

4. PLEASE REFER TO MO-269 FOR THE DDR3 DIMM MODULE OUTLINE AND THE SO-007 FOR THE SOCKET OUTLINE.

5. THE INSERTION AND EXTRACTION FORCE GAUGE IS TO BE USED TO MEASURE THE MODULE INSERTION AND EXTRACTION FORCE IN THE DDR3 DIMM SOCKET. PLEASE REFER TO EIA 364-13 METHOD B FOR THE INSERTION AND EXTRACTION FORCE MEASUREMENT PROCEDURE.

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Change Record

If the changes involves any words added or deleted (excluding deletion of accidentally repeated words), the change is included. Punctuation chages may or may not be included.

Initial Issue: A	Date: July 2006	Item: JC-11.14-098
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Revision History:

Issue:	Date:	Item:
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Location	Change from:	Change to:

Issue:	Date:	Item:
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Location	Change from:	Change to:

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