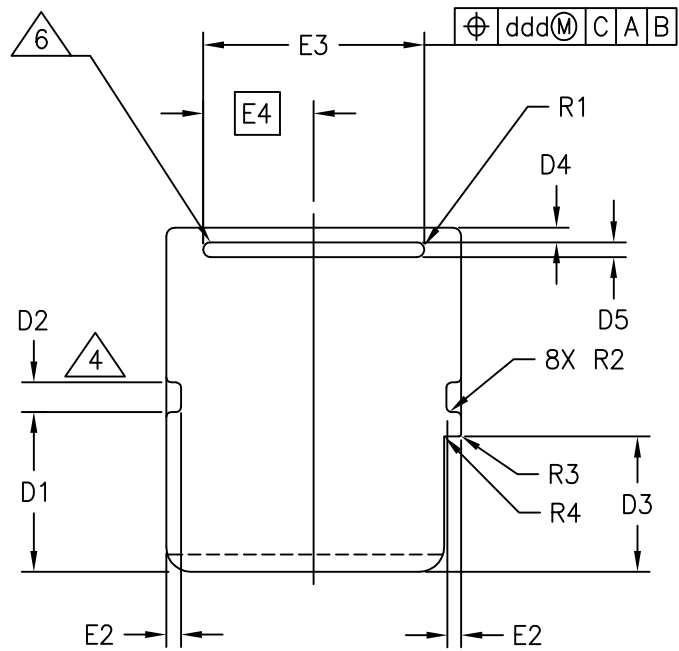
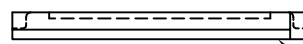


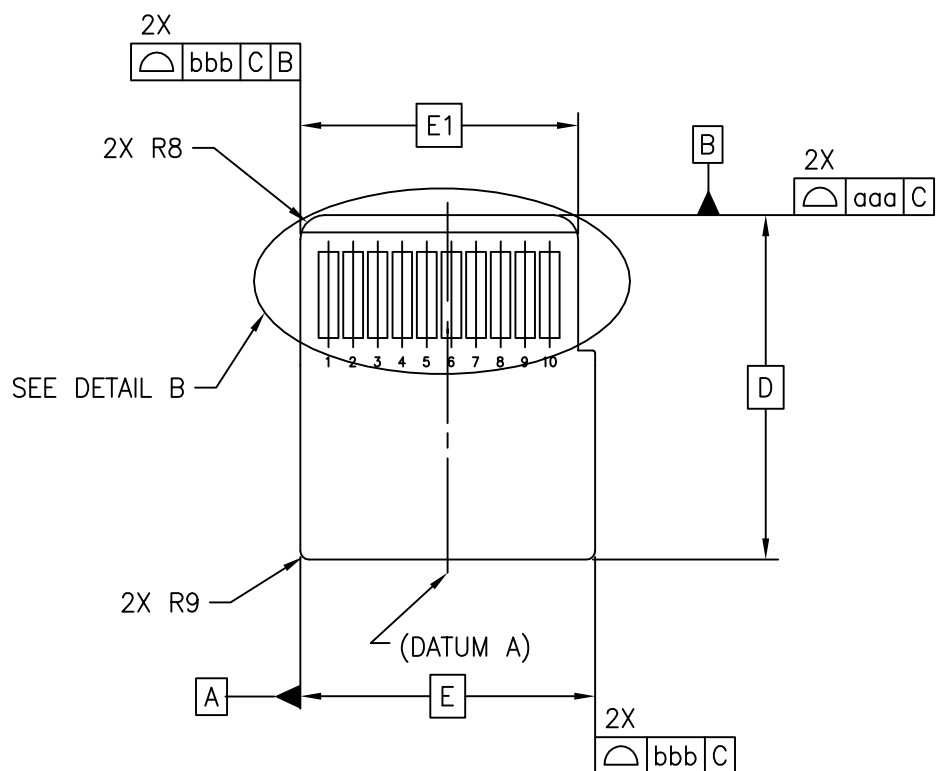
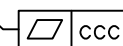
SIDE VIEW



TOP VIEW



END VIEW



BOTTOM VIEW

7 PATENT CLAIMS

JEDEC  
SOLID STATE  
PRODUCT OUTLINE

THIS **REGISTERED OUTLINE** HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

TITLE 10 PIN Micro Size MultiMediaCard (MMC) Outline—MMCmicro 14 X 12 X 1.1mm

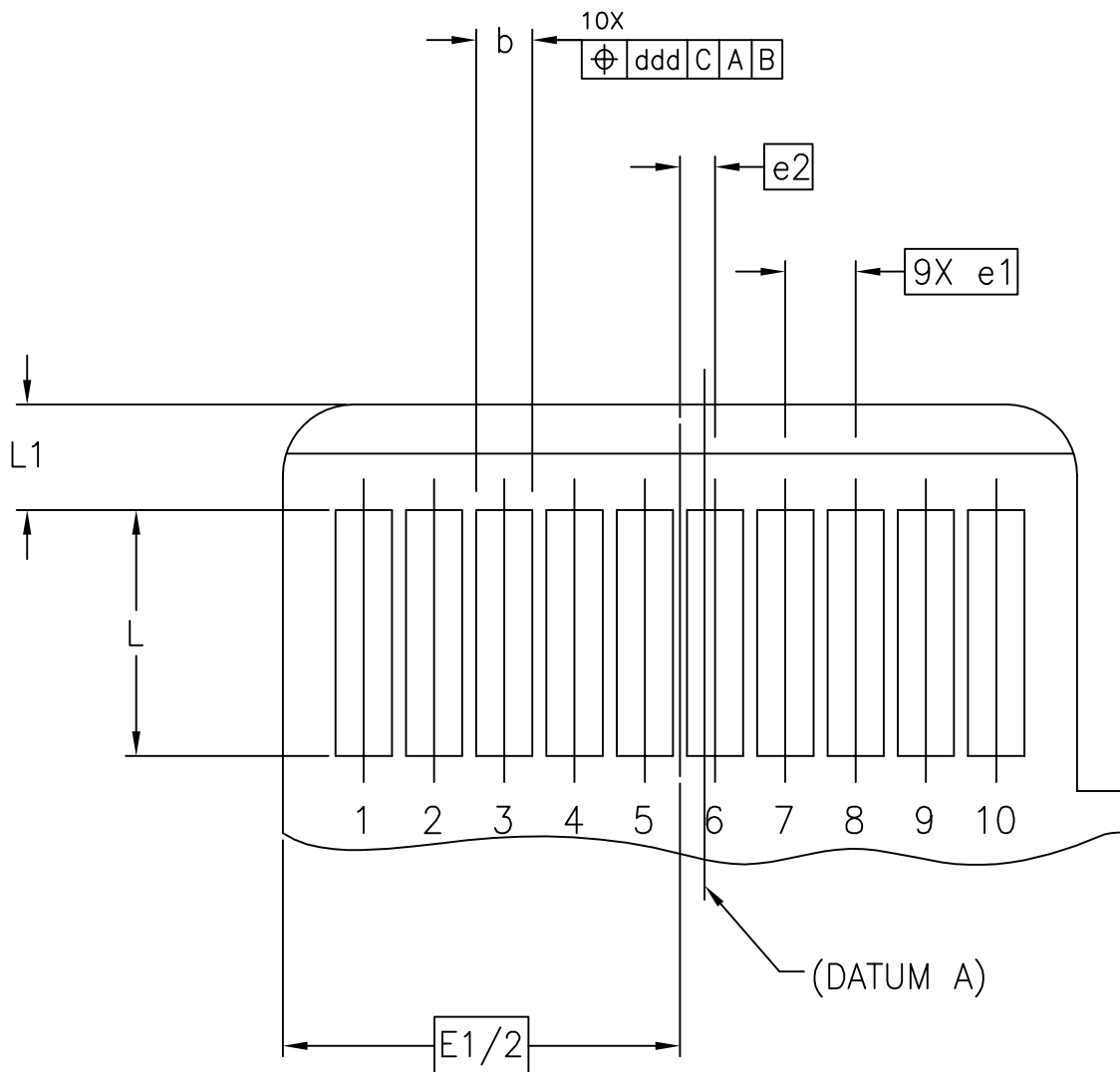
PACKAGE DESIGNATOR  
RT-PLGA/MMCmicro

ISSUE  
A

DATE  
SEP.  
2006

MO-279

SHEET  
1 OF 5



DETAIL B

TABLE 1

COMMON DIMENSIONS				
SYMBOL	MINIMUM	NORMAL	MAXIMUM	NOTE
A	1.00	1.10	1.20	
A1	0.55	0.65	0.75	
A2	0.15	0.25	0.35	
A3	0.30	0.40	0.50	
A4	0.60	0.70	0.80	
b	0.75	0.80	0.85	
<u>D</u>	14.00 BSC			
D1	6.40	6.50	6.60	
D2	1.10	1.20	1.30	4
D3	5.40	5.50	5.60	
D4	0.50	0.60	0.70	
D5	0.50	0.60	0.70	
<u>E</u>	12.00 BSC			
<u>E1</u>	11.30 BSC			
E2	0.50	0.60	0.70	
E3	8.90	9.00	9.10	
<u>E4</u>	4.50 BSC			
<u>e1</u>	1.00 BSC			
<u>e2</u>	0.50 BSC			
L	3.40	3.50	3.60	
L1	1.40	1.50	1.60	
N	10			3
R1	0.20	0.30	0.40	
R2	0.10	0.20	0.30	
R3	---	---	0.20	
R4	---	---	0.25	
R5	0.10	0.20	0.30	
R6	---	---	0.20	
R7	0.02	---	---	
R8	0.90	1.00	1.10	
R9	0.10	0.20	0.30	
NOTES	1,2			
REF	11.14-093			
ISSUE	A			

TABLE 2

TOLERANCE OF FORM & POSITION	
SYMBOL	
aaa	0.10
bbb	0.07
ccc	0.15
ddd	0.05
NOTES	1,2
REF	11.14-093
ISSUE	A

## NOTES:

1. DIMENSIONS AND TOLERANCING CONFORM TO ASME Y14.5M-1994
2. ALL DIMENSIONS IN MILLIMETERS.
3. N IS THE NUMBER OF TERMINALS.

4. THE RETENTION NOTCH AREAS ARE FOR MECHANICAL LOCKING OF THE CARD.

5. CHAMFER IS A MECHANICAL KEY FEATURE.

6. NOTCH IS TO ALLOW MECHANICAL EXTRACTION OF THE CARD.  
THE COMMON NAME FOR THE NOTCH IS THUMB NAIL SLOT.

7. SAMSUNG ELECTRONICS CO., LTD. HAS AN ISSUED PATENT US D516,076 S AND RELATED PATENT APPLICATIONS THAT MAY APPLY TO THIS REGISTRATION. IF THE CURRENT ISSUED PATENT OR LATER PATENTS RESULTING FROM RELATED APPLICATIONS DO APPLY, SAMSUNG ELECTRONICS CO., LTD INTENDS TO COMPLY WITH THE JEDEC PATENT POLICY AND LICENSE UNDER REASONABLE TERMS AND CONDITIONS THAT ARE DEMONSTRABLY FREE OF ANY UNFAIR DISCRIMINATION

## APPLICATION NOTES:

8. PREFERABLE PLATING, ELECTROLYTIC (HARD) GOLD PLATING 0.50 MICROMETERS MINIMUM OVER ELECTROLYTIC NICKEL 2.00 MICROMETERS MINIMUM.

## Change Record

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

Initial Issue:	Date:	Item
A	SEP. 2006	11.14-093

Revision History
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Issue:	Date:	Item
Location:	Changed From:	Changed to:

Issue:	Date:	Item
Location:	Changed From:	Changed to: