

JEDEC
SOLID STATE PRODUCT
OUTLINES

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

HEADER FAMILY
SURFACE MOUNTED
(PERIPHERAL TERMINALS)

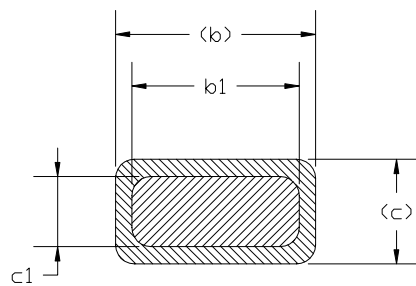
PACKAGE DESIGNATOR
R-PSFM-G

ISSUE
B

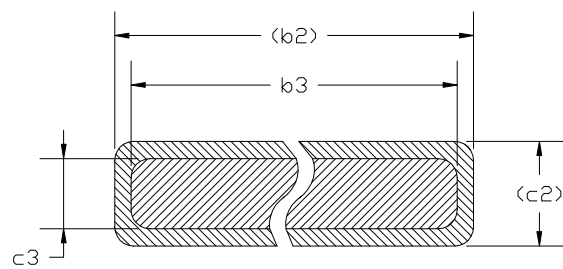
DATE
FEB
2003

MD-235

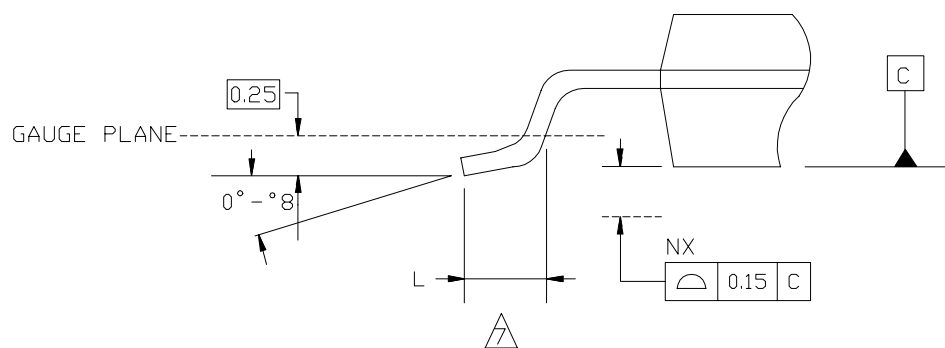
SHEET
1 OF 4



Section A-A



Section B-B



DETAIL A

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE	HEADER FAMILY SURFACE MOUNTED (PERIPHERAL TERMINALS)	ISSUE B	DATE FEB 2003	MQ-235	SHEET 2 OF 4
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COMMON DIMENSIONS (DIMENSIONS IN MM)				
SYMBOLS	MIN	NOM	MAX	NOTES
b	0.35	0.42	0.50	3,5,8
b1	0.32	0.40	0.46	3,5
b2	3.62	–	4.41	3,5,6
b3	3.60	4.00	4.37	3,5
D	3.80	–	4.10	3,5
D1	–	–	4.20	4
E	4.80	–	5.00	9
E1	–	3.30	–	4
e	1.27 BSC.			
H	5.80	–	6.20	
L	0.40	–	1.00	7
L1	0.80	–	1.30	
L2	1.10 Ref.			
N	5			10
NOTES	1,2			
REF.	11.10-423			
ISSUE	B			

SYMBOLS	VARIATIONS (ALL DIMENSIONS IN MM)									
	AA			AB			AC			NOTES
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	
A	1.01	1.05	1.20	0.81	0.90	1.00	0.66	0.70	0.80	
c	0.19	0.22	0.25	0.17	0.20	0.23	0.16	0.19	0.22	3,5
c1	0.17	0.20	0.23	0.15	0.18	0.21	0.14	0.17	0.20	3,5
c2	0.24	0.27	0.30	0.19	0.22	0.25	0.16	0.19	0.22	3,5
c3	0.22	0.25	0.28	0.17	0.20	0.23	0.14	0.17	0.20	3,5
NOTES	1,2			1,2			1,2			
REF.	11.10-419			11.10-419			11.10-419			
ISSUE	A			A			A			

NOTES:

1. ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.

2. ALL DIMENSIONS ARE IN MILLIMETERS (ANGLES IN DEGREES).

3. SECTION A-A AND B-B APPLIES BETWEEN 0.10-0.25mm FROM LEAD OR HEATSLUG TIP.

4. DIMENSIONS D1 AND E1 ESTABLISH A NOMINAL MOUNTING SURFACE FOR HEATSLUG.

5. DIMENSIONS b1 AND c1, b3 AND c3 APPLY TO BASE METAL ONLY.
DIMENSIONS b AND c, b2 AND c2 APPLY TO THE PLATED LEAD.

6. EXACT SHAPE OF THIS FEATURE IS OPTIONAL.

7. L IS THE TERMINAL LENGTH FOR SOLDERING.

8. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION.
ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08mm.

9. DIMENSION E DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 mm MAXIMUM PER END.

10. N IS THE MAX NUMBER OF TERMINALS.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE HEADER FAMILY SURFACE MOUNTED (PERIPHERAL TERMINALS)	ISSUE B	DATE FEB 2003	MD-235	SHEET 4 of 4
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