

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: PLASTIC, SURFACE MOUNTED
HEADER FAMILY
21.50mm BODY WIDTH, 1.40mm LEAD PITCH

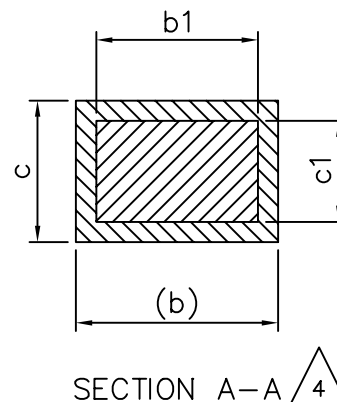
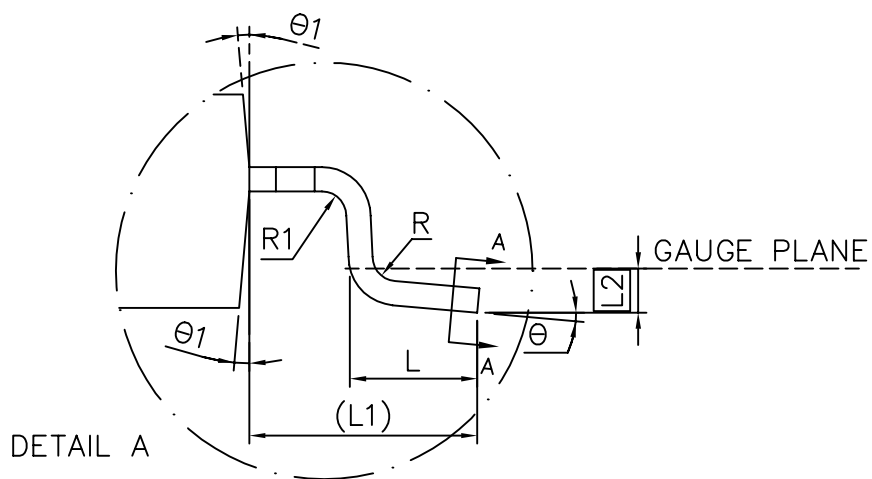
DESIGNATOR
R-PSIP-Fxx

ISSUE
A

DATE
08/01

MO-231

SHEET
1 OF 3



VARIATION AA				
SYMBOL	MIN.	NOM.	MAX.	NOTES
A	4.30	4.40	4.50	
A1	0	—	0.20	11
A2	1.17	1.27	1.37	
b	0.70	—	0.90	4
b1	0.75	0.80	0.85	4
b2	0.80	—	1.10	
b3	7.30	—	8.40	10,12
b4	3.80	—	4.90	10,12
c	0.40	—	0.60	4
c1	0.45	0.50	0.55	4
D	21.40	21.60	21.80	5
E	9.05	9.25	9.45	6
e	1.40 BSC.			
e1	7.70 BSC.			
H	14.5	15.00	15.30	
L	2.35	2.65	2.95	
L1	4.70 REF.			
L2	1.15 BSC.			
L3	0.70	—	1.30	12
L4	7.90	—	8.40	10,12
L5	7.70	—	8.20	10,12
N	15			3
R	0.50	—	—	
R1	0.50	—	—	
theta	—	—	8°	
theta1	—	—	10°	
theta2	—	—	10°	
theta3	—	—	10°	
NOTES	1,2			
REF.	11-590			
ISSUE	A			

NOTES:

1 DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994

2 ALL DIMENSIONS IN MILLIMETERS

3 "N" IS THE MAXIMUM NUMBER OF TERMINALS

4 THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.20 mm AND 1.50 mm FROM THE LEADTIP.

5 DIMENSIONS D DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 mm PER SIDE. D IS DETERMINED AT DATUM B.

6 DIMENSION E DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION. INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.25 mm.

7 A VISUAL INDEX FEATURE MUST BE LOCATED WITHIN THE HATCHED AREA.

8 EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.

9 SEATING PLANE IS DEFINED BY HEATSINK AREAS ONLY.

10 b3, b4, L4 AND L5 ARE DEFINED AS HEATSINK DIMENSIONS WITHOUT MOLD COMPOUND.

11 A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE LEADS.

12 THE EXACT SHAPE OF THE HEATSINK TERMINALS IS OPTIONAL.

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