

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 SMALL OUTLINE
HEATSLUG PACKAGE
7.5mm BODY WIDE, 1.0mm LEAD PITCH

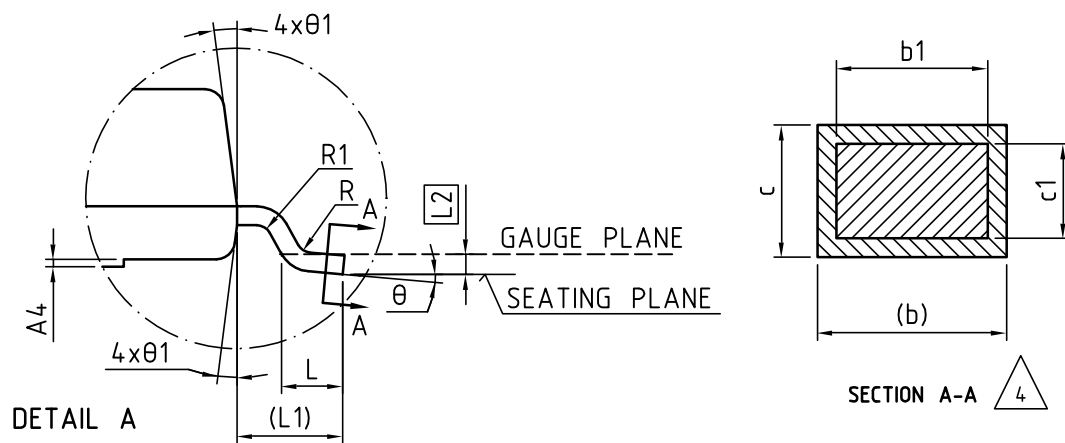
DESIGNATOR
H-PDSO-G

ISSUE
B

DATE
02/01

MO-226

SHEET
1 OF 3



VARIATION AA				
SYMBOL	MIN.	NOM.	MAX.	NOTES
A	—	—	2.55	
A1	0	—	0.10	12
A2	2.25	2.35	2.45	
A3	0.70	0.80	0.90	
A4	0.05	—	—	
b	0.37	—	0.50	4
b1	0.37	—	0.47	4
c	0.23	—	0.32	4
c1	0.23	0.25	0.29	4
D	7.60	—	8.00	
D1	6.30	6.40	6.50	5
D2	4.80	—	5.40	11
E	10.00	10.30	10.60	
E1	7.40	7.50	7.60	6
E2	1.50	1.60	1.70	5
E3	—	—	4.60	10
E4	3.90	—	4.50	11
e	1.00 BSC.			
N	12			3
L	0.60	—	1.00	
L1	1.40 REF.			
L2	0.30 BSC.			
R	0.15	—	—	
R1	0.15	—	—	
R2	—	—	0.50	8
θ	2°	—	8°	
θ1	—	—	10°	
NOTES	1,2			
REF.	11-589			
ISSUE	B			

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 0.10 mm AND 0.25 mm FROM THE LEADTIP.

△₅ DIMENSIONS D1 AND E2 DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS.
MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 mm PER SIDE. D1 IS DETERMINED AT DATUM H.

△₆ DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION.
INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.15 mm PER SIDE.
E1 IS DETERMINED AT DATUM H.

△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 LEADTIPS ONLY.

△₁₀ THE SHAPE OF THE MOLD IN THIS AREA IS OPTIONAL.

△₁₁ D2 AND E4 ARE DEFINED AS HEATSLUG DIMENSIONS WITHOUT MOLD COMPOUND.

△₁₂ A1 IS DEFINED AS THE DISTANCE FROM SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY.

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