



JEDEC
SOLID STATE
PRODUCT OUTLINE

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

PLASTIC SMALL
OUTLINE PACKAGE
SOP/SOT

DESIGNATOR
R-PDSO-G

ISSUE
C

DATE
05/02

TO-261

SHEET
1 OF 3

VARIATIONS								
SYMBOL	DIMENSIONS IN MILLIMETERS							
	AA				AB			
	MIN	NOM	MAX	NOTE	MIN	NOM	MAX	NOTE
A	—	—	1.80	—	—	—	1.80	—
A1	0.02	—	0.10	—	0.02	—	0.10	—
A2	1.50	1.60	1.70	—	1.50	1.60	1.70	—
b	0.66	0.76	0.84	4	0.66	0.76	0.84	4
b1	0.60	0.71	0.79	4	0.60	0.71	0.79	4
b2	2.90	3.00	3.10	4	2.90	3.00	3.10	4
b3	2.84	2.95	3.05	4	2.84	2.95	3.05	4
c	0.23	0.30	0.35	4	0.23	0.30	0.35	4
c1	0.23	0.28	0.33	4	0.23	0.28	0.33	4
D	6.30	6.50	6.70	6,7	6.30	6.50	6.70	6,7
E	6.70	7.00	7.30	—	6.70	7.00	7.30	—
E1	3.30	3.50	3.70	6,7	3.30	3.50	3.70	6,7
e	2.30 BASIC			3	1.50 BASIC			3
e1	4.60 BASIC			3	4.50 BASIC			3
L	0.75	—	—	—	0.75	—	—	—
N		4		5		5		5
θ	0°	—	10°	—	0°	—	10°	—
NOTES	1,2				1,2			
REF	10-416				10-416			
ISSUE	C				C			

NOTES:

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

2. DIMENSIONS ARE IN MILLIMETERS.

3. ONLY THE FOUR LEAD VARIATION SHOWN FOR REFERENCE..

4. DIMENSIONS b_1 , b_3 , AND c_1 APPLY TO BASE METAL ONLY.
DIMENSIONS b , b_2 , AND c APPLY TO PLATED LEAD.
THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD
BETWEEN 0.08 mm AND 0.15 mm FROM THE LEAD TIP.

5. N IS THE MAXIMUM LEAD COUNT WHICH INCLUDES THE WIDE LEAD.

6. DIMENSIONS D AND E1 ARE DETERMINED AT THE OUTERMOST EXTREMES
OF THE PLASTIC BODY EXCLUSIVE OF MOLD FLASH, TIE BAR BURRS,
GATE BURRS, AND INTERLEAD FLASH, BUT INCLUDING ANY MISMATCH
BETWEEN THE TOP AND BOTTOM OF THE PLASTIC BODY.

7. DATUMS A AND B ARE TO BE DETERMINED AT DATUM H.