



JEDEC
SOLID STATE PRODUCT
OUTLINES

TITLE:
5-LEAD SMALL OUTLINE
PLASTIC (SOP) PACKAGE
(R-PDSO-G)

ISSUE
A

DATE
Nov.
1993

MO-155

SHEET
1 OF 2

S Y M B O L	VARIATIONS							
	ALL DIMENSIONS IN MILLIMETERS							
	AA							
	MIN.	NOM.	MAX.	NOTE	MIN.	NOM.	MAX.	NOTE
A			3.00					
A1	0.05	0.10	0.20					
A2	2.20	2.50	2.80					
b	0.35		0.50	4				
b1	0.35	0.40	0.45					
c	0.13		0.20					
c1	0.13	0.15	0.18					
D	3.50	3.60	3.70	3				
E	4.30	4.40	4.50	3				
e	1.27BSC							
e1	2.54BSC							
H	6.80	7.00	7.20					
L	0.50	0.70	0.90					
θ	0	4	8					
R1	0.08							
R2	0.08		0.20					
NOTE	1, 2, 9							
REF.	11-364							
ISSUE								

NOTES

1. Refer to applicable symbol list in section 2.2 of publication 95.
2. Dimensioning and tolerancing per ANSI Y14.5M-1982.
3. "D" and "E" dimensions do not include mold flash or protrusions.
Mold flash or protrusions shall not exceed 0.20 mm per side.
4. Dimension b does not include dambar protrusions/intrusions.
Allowable dambar protrusion shall be 0.13 mm in excess of b dimension of maximum material condition. Dambar intrusion shall not reduce dimension b by more than 0.07 mm at least material condition.
5. "N" is the number of terminal positions.
6. To be determined at the seating plane -Datum "C".
7. A visual index feature must be located within the crosshatched area.
8. These dimensions apply to the flat section of the lead between 0.10 and 0.25 from the lead tip.
9. All dimensions are in millimeters.

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