



2	VARIATIONS												
S M B I	ALL DIMENSIONS IN MILLIMETERS												N
L	AA			BA			CA						- E S
	MIN.	N□M.	MAX.	MIN.	N□M.	MAX.	MIN.	N□M.	MAX.	MIN.	N□M.	MAX.	Ž
А			2, 80			2, 00			1. 90				
A1	0. 15		0, 35	0. 45		0. 65	0, 45		0. 65				
A2	2, 15	2, 30	2, 45	1. 15	1. 25	1. 35	1. 15	1. 25	1. 35				
b	0, 35		0, 50	0. 30		0, 45	0.17		0. 27				5, 8
b1	0, 35	0, 40	0, 45	0. 30	0, 35	0, 40	0, 17	0, 20	0, 23				8
С	0.10		0, 21	0.10		0, 21	0, 10		0. 21				8
⊂1	0.10	0, 15	O. 18	0.10	0. 15	0, 18	0, 10	0. 15	0, 18				8
D	28. 00	28. 30	28, 60	23, 40	23, 70	24, 00	23, 40	23, 70	24. 00				3
Е	15. 70	16. 00	16, 30	15. 70	16, 00	16. 30	15, 70	16, 00	16, 30				
E1	13, 10	13. 30	13, 50	13. 10	13, 30	13, 50	13, 10	13, 30	13, 50				4
е	1. 2	1.27 BASIC		O. 80 BASIC		O.50 BASIC							
L	0, 60	0, 80	1. 00	0, 60	0, 80	1. 00	0, 60	0. 80	1. 00				
n		44			56			90					6
R	0, 09			0, 09			0, 09						
θ	0-	4-	8°	0°	4-	8-	0°	4*	8-				
۵۵۵		0, 20			0. 20			0, 08					
bbb			0, 10			0. 10			0. 08				
NOTE	1, 2			1,2			1,2						
REF.	11-421A			11-421A			11-571						
ISSUE	А			А			В						

NOTES

- 1 ALL DIMENSIONS ARE IN MILLIMETERS.
- 2 DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- DIMENSION'D" DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUCTIONS OR GATE BURRS SHALL NOT EXCEED 0. 15 mm PER END.
- DIMENSION "E1" DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION,
 INTERLEAD FLASH OR PROTRUCTION SHALL NOT EXCEED 0.25 mm PER SIDE.
- DIMENSION 6 DOES NOT INCLUDE DAMBER PROTRUSION/INTRUSION. ALLOWABLE DAMBER PROTRUSION SHALL NOT EXCEED 0.15 mm PER SIDE. DAMBAR INTRUSION SHALL NOT REDUCE DIMENSION 6 BY MORE THAN 0.07 mm AT LEAST MATERIAL CONDITION.
- 🙆 "n" IS THE NUMBER OF TERMINAL POSITIONS.
- riangle a visual index feature must be located within the crosshatched area.
- THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0, 10 AND 0, 25 mm FROM THE LEAD TIPS.
- A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE.
- \triangle DATUM'S A AND B TO BE DETERMINED AT DATUM PLANE H.
- DIMENTIONS 'D' AND 'E1' TO BE DETERMINED AT DATUM PLANE H.

JEDEC TITLE: SOLID STATE PLASTIC SMALL OUTL PACKAGE(SOP)- 13, 30mm BODY WI	ISSUE DATE B 02/01	M□-180	PAGE 3 OF 3
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