

S Y M B O L	Dimensions in Millimeters			N O T E
	SOP			
	0.8 mm LEAD PITCH			
	MIN.	NOM.	MAX.	
A			3.15	
A1	0.05	0.10	0.25	
A2	2.50		2.90	
L	0.70		1.0	
R	0.12			
R1	0.12			
b	0.24		0.45	5
b1	0.24	0.30	0.40	
c	0.14		0.21	
c1	0.14	0.15	0.16	
Ø1	0		7	
D	28.45	28.60	28.75	3
E	15.70	15.90	16.10	
E1	12.57	12.70	12.83	4
L1	1.6 REF			
e	0.80 BSC			
Ø2	10 REF			
Ø3	10 REF			
N	70			6
REF	11 - 401			
Issue	A			

1 DIMENSIONS ARE IN MILLIMETERS (ANGLES IN DEGREES).

2 DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982

△ 3 DIMENSION 'D' DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS.
MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.16mm PER SIDE.

△ 4 DIMENSION 'E1' DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION.
INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.25mm PER SIDE.

△ 5 DIMENSION 'b' DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE LEAD WIDTH TO EXCEED 0.53mm. DAMBAR INTRUSION SHALL NOT CAUSE LEAD WIDTH TO BE LESS THAN 0.17mm.

△ 6 N IS THE NUMBER OF TERMINAL POSITIONS.

△ 7 TO BE DETERMINED AT THE SEATING PLANE - DATUM 'C'.

△ 8 CROSS SECTION A-A TO BE DETERMINED AT 0.10 TO 0.25mm FROM THE LEAD TIP

△ 9 DETAILS OF THE PIN 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE PLASTIC SMALL OUTLINE PKG R-PDSO-G/SOP	ISSUE A	DATE 1/96	ITEM MO - 174	SHEET 3 OF 3
--	--	------------	--------------	------------------	-----------------