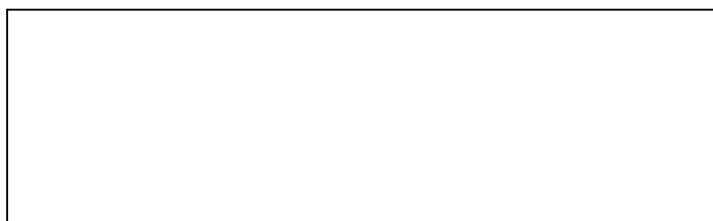



CASE NO.	499D-01
STATUS	ON SEMICONDUCTOR STANDARD
NEW STD	
USED ON	15 PIN FLIPCHIP CSP 2.95 X 1.33mm



<b>ON Semiconductor</b> 	MECHANICAL OUTLINES DICTIONARY	98AON11990D	
		PAGE	499D
DO NOT SCALE THIS DWG	ALL APPROVAL SIGNATURES ON FILE IN DOCUMENT CENTRAL	ISSUE 0	SHEET 2 OF 3

NOTES:

1. DIMENSIONING AND TOLERANCING PER AMSE Y14.5M-1994.
2. CONTROLLING DIMENSION: MILLIMETER.
3. COPLANARITY APPLIES TO SPHERICAL CROWNS OF SOLDER BALLS.

DIM	MILLIMETERS	
	MIN	MAX
A	---	0.70
A1	0.210	0.270
A2	0.380	0.430
D	2.960	BSC
E	1.330	BSC
b	0.290	0.340
e	0.500	BSC
e1	0.435	BSC
D1	2.500	BSC
E1	0.870	BSC

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ISSUE	REVISION	COORD/ DATE
0	RELEASED FOR PRODUCTION. REQ BY S. CHANG	ME 18 Oct 2002