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JEDEC SOLID STATE PRODUCT OUTLINES	TITLE: PLASTIC SMALL OUTLINE (SO) PACKAGE FAMILY WITH .300 INCH BODY WIDTH	ISSUE B	DATE May 92	MO-119	SHEET 1 OF 2
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(ALL DIMENSIONS SHOWN IN INCHES)

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SYMBOL	COMMON DIMENSIONS			NOTE	VARIATIONS	VARIATIONS			N	REFERENCE	ISSUE
	MIN.	NOM.	MAX.			D					
						MIN.	NOM.	MAX.			
A			.104		AA	.612	.618	.624	24	ITEM 11-298	A
A1	.004				AB	.712	.718	.724	28	ITEM 11-298	A
A2	.082	.088	.094		AC	.812	.818	.824	32	ITEM 11-298	A
b	.014	.016	.020		AD	.912	.918	.924	36	ITEM 11-298	A
b1	.014	.016	.018								
b2	.026	.028	.032	5							
c	.007	.008	.0125								
c1	.007	.008	.010								
D	SEE VARIATIONS			4							
E	.292	.296	.299	4							
e	.050 BSC.										
H	.405	.412	.419								
L	.021	.031	.041	6							
N	SEE VARIATIONS			7							
X		.014 BSC		9							
∅	0°	4°	8°								
NOTE	1, 2, 3, 8, 9										
REF.	ITEM 11-298										
ISSUE	A										

NOTES:

- 1 ALL DIMENSIONS IN INCHES.
- 2 DIMENSIONING AND TOLERANCING PER ANSI Y14.5M - 1982.
- 3 SYMBOLS ARE DEFINED IN THE "MO SERIES SYMBOL LIST" IN SECTION 2.2 OF PUBLICATION 95.
- 4 "D" AND "E1" DIMENSIONS DO NOT INCLUDE MOLD FLASH OR PROTRUSIONS, BUT DOES INCLUDE MOLD MISMATCH AND ARE MEASURED AT THE MOLD PARTING LINE. MOLD FLASH OR PROTRUSIONS SHALL NOT EXCEED .010 INCHES PER SIDE.
- 5 b1 DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSIONS. DAMBAR PROTRUSIONS SHALL NOT EXCEED .003 INCHES PER SIDE.
- 6 TO BE DETERMINED AT THE SEATING PLANE-DATUM "C".
- 7 "N" IS THE NUMBER OF TERMINAL POSITIONS.
- 8 A VISUAL INDEX FEATURE MUST BE LOCATED WITHIN THE CROSSHATCHED AREA.
- 9 THE GAUGE PLANE (X) WAS DETERMINED USING A .016 INCH RADIUS.

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