



JEDEC  
SOLID STATE PRODUCT  
OUTLINES

TITLE: SMALL OUTLINE J-LEAD  
(SOJ) .300 BODY FAMILY  
(MS-013 BODY)

ISSUE A  
DATE 6/88

MO-088  
AA-AF

SYMBOL	VARIATION	UNITS				N NOTE 9	NOTES
		INCHES		MILLIMETERS			
		MIN.	MAX.	MIN.	MAX.		
A		.120	.140	3.05	3.56		
C		.008	.013	.20	.33		
D <sub>1</sub>	AA	.346	.362	8.79	9.19	14	6,7
D <sub>1</sub>	AB	.398	.413	10.11	10.49	16	
D <sub>1</sub>	AC	.447	.462	11.35	11.73	18	
D <sub>1</sub>	AD	.496	.512	12.60	13.00	20	
D <sub>1</sub>	AE	.598	.614	15.19	15.60	24	
D <sub>1</sub>	AF	.697	.712	17.70	18.08	28	
E		.335	.347	8.51	8.81		
E <sub>1</sub>		.292	.300	7.42	7.62		6,7
E <sub>2</sub>		.262	.272	6.65	6.91		3
NOTES		1, 2, 4, 5, 8, 10					

NOTES:

1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5-1982.
2. CONTROLLING DIMENSION: INCH.
3. TO BE DETERMINED AT SEATING PLANE-DATUM "C".
4. THESE DIMENSIONS ARE TO ALLOW FOR TRIMMED LEAD VARIATIONS IN THE DAM BAR REGION.
5. BODY DETAILS BETWEEN LEADS ARE OPTIONAL.
6. DIMENSIONS D<sub>1</sub> AND E<sub>1</sub> DO NOT INCLUDE MOLD PROTRUSION. MOLD PROTRUSION SHALL NOT EXCEED .152 MM. [.006 IN.] PER SIDE.
7. DIMENSIONS D<sub>1</sub> AND E<sub>1</sub> INCLUDE MOLD MISMATCH AND ARE DETERMINED AT THE MOLD PARTING LINE.
8. THE CHAMFER ON THE BODY IS OPTIONAL. IF IT IS NOT PRESENT, A TERMINAL 1 IDENTIFIER MUST BE LOCATED WITHIN THE CROSSHATCHED INDEX AREA.
9. "N" IS THE NUMBER OF TERMINAL POSITIONS.
10. TERMINAL NUMBERS ARE SHOWN FOR REFERENCE ONLY.
11. THESE OUTLINES DIFFER FROM MS-013 ONLY IN LEAD CONFIGURATION.

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