



JEDEC
SOLID STATE PRODUCT
OUTLINES

THIS REGISTERED OUTLINE HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

TITLE: VERTICAL ZIG ZAG SURFACE
MOUNT PACKAGE
0.40mm LEAD PITCH

R-PZIP-X64

ISSUE:

A

DATE:

MARCH 98

ITEM:

MO-202

PAGE:

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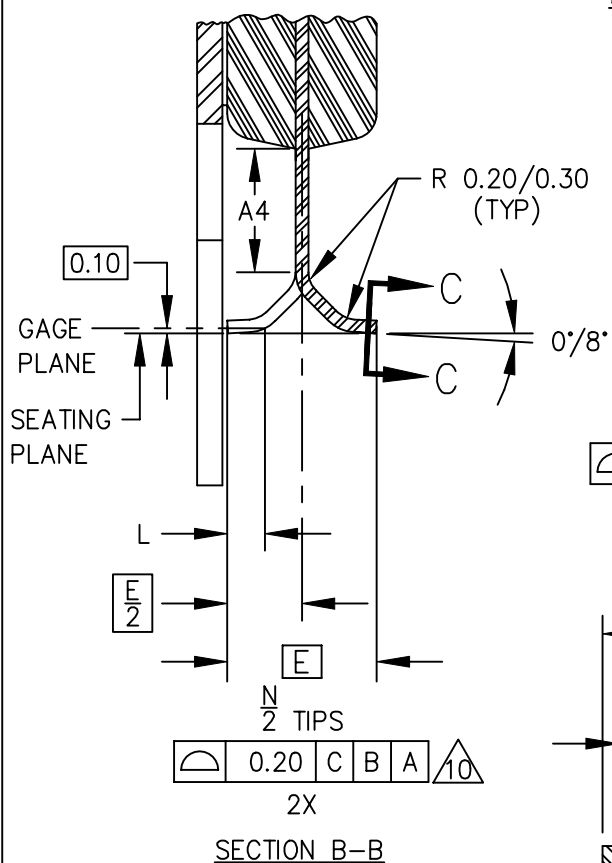
6

(A3) 7

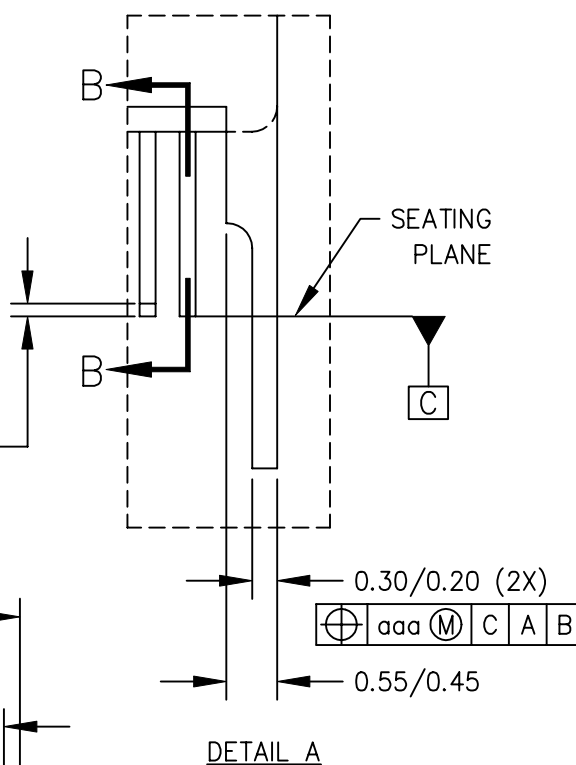
SEE DETAIL A

(D1)

BACK



ccc C Nx



LEAD FINISH

BASE METAL

SECTION C-C

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VARIATIONS (ALL DIMENSIONS IN MILLIMETERS)						
SYMBOL	VARIATION AA					
	MINIMUM	NOMINAL	MAXIMUM	NOTE		
A	---	---	12.10	3		
A1	1.65	---	---	3		
A2	10.15 BASIC			5		
A3	13.60 REF			7		
A4	1.0	---	---			
b	0.13	---	0.23	11, 12		
b1	0.13	0.16	0.19	11		
c	0.09	---	0.18	11		
c1	0.09	0.125	0.135	11		
D	27.00 BASIC			3		
D1	26.75 BASIC			7		
E	2.00 BASIC			10		
E1	1.45	1.50	1.55			
E2	1.70	1.75	1.80	7		
e	0.40 BASIC					
e1	0.80 BASIC					
L	0.35	---	---			
ZD	0.90 REF					
N	64			13		
NOTE	1, 2					
REF	11.11-496					
ISSUE	A					
TOLERANCES OF FORM AND POSITION						
aaa	0.05					
bbb	0.07					
ccc	0.10					
NOTE	1, 2					
REF	11.11-496					
ISSUE	A					
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NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M 1994.

2. ALL DIMENSIONS ARE IN MILLIMETERS.

3. DIMENSIONS A, A1, AND D DO NOT INCLUDE MOLD PROTRUSIONS OR GATE BURRS. MOLD PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 mm PER SIDE.

4. PIN NUMBERS ARE FOR REFERENCE ONLY.

5. DIMENSION A2 DOES NOT INCLUDE INTERLEAD MOLD PROTRUSION. INTERLEAD MOLD PROTRUSIONS SHALL NOT EXCEED 0.25 mm.

6. SIZE OF THIS FEATURE MUST MATCH PACKAGE OUTLINE BODY SIZE WITH A TOLERANCE OF $+0.00/-0.25$ PER SIDE.

7. HEATSINK TO BE OPTIONAL.

8. EXACT DESIGN OF THIS FEATURE IS OPTIONAL.

9. A LEAD #1 IDENTIFIER SHALL BE LOCATED ADJACENT TO LEAD #1 WITHIN THE ZONE INDICATED. DETAILS OF THE LEAD #1 IDENTIFIER ARE OPTIONAL.

10. TO BE DETERMINED AT SEATING PLANE C.

11. THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.10mm AND 0.25mm FROM THE LEAD TIP.

12. DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSIONS/INTRUSIONS. ALLOWABLE DAMBAR PROTRUSIONS SHALL NOT CAUSE THE LEAD TO BE WIDER THAN THE MAXIMUM b DIMENSION BY MORE THAN 0.05mm. ALLOWABLE DAMBAR INTRUSION SHALL NOT CAUSE THE LEAD TO BE NARROWER THAN THE MINIMUM b DIMENSION BY MORE THAN 0.07mm.

13. N IS THE MAXIMUM NUMBER OF LEADS.

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