

JEDEC
SOLID STATE
PRODUCT
OUTLINES

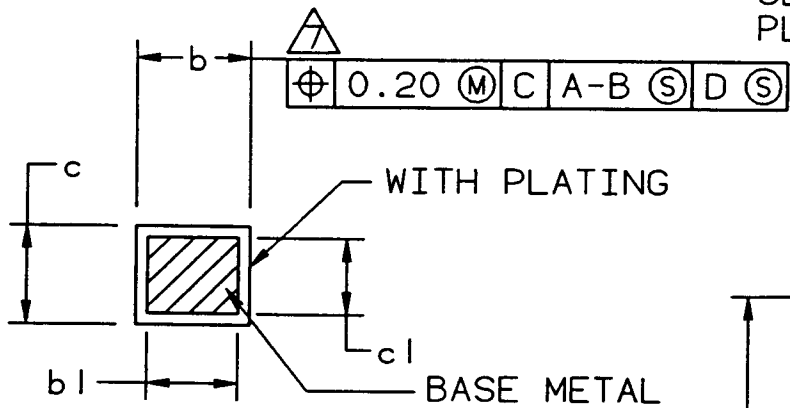
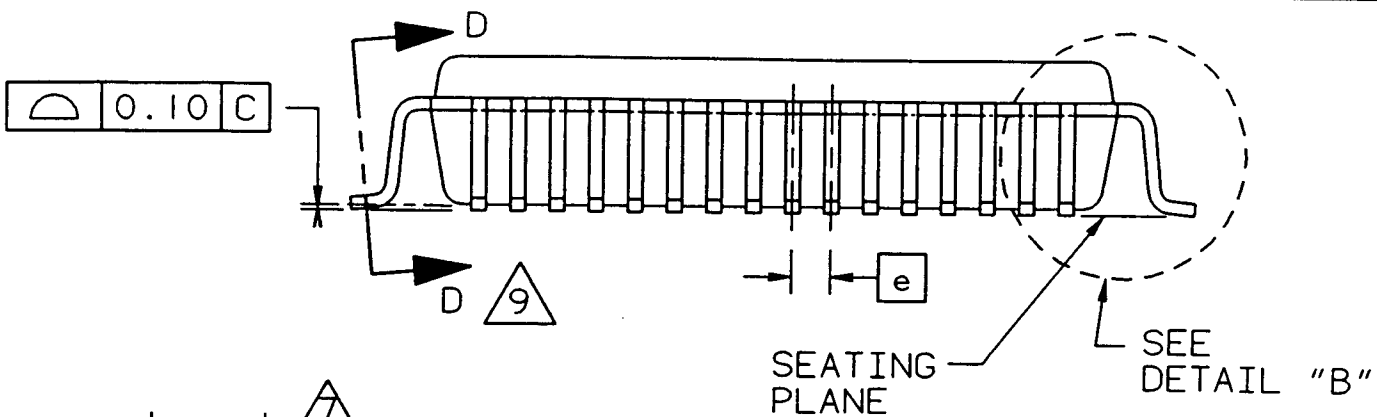
TITLE PLASTIC
FLAT PACK/
HEATSLUG PACKAGE
S-PTFP-G48

ISSUE
A

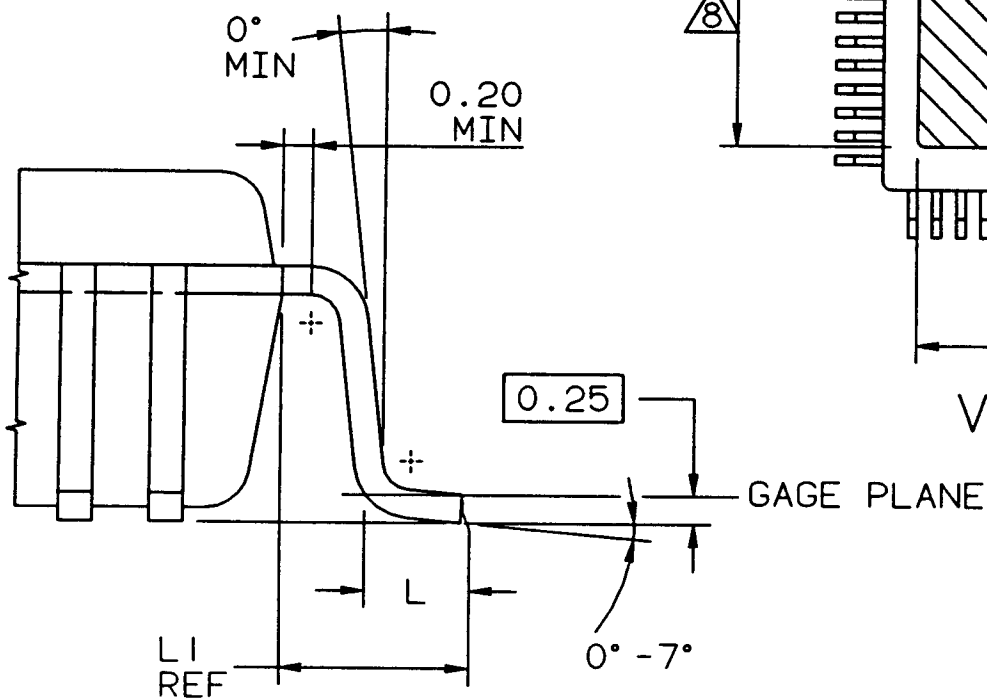
DATE
**Nov.
1993**

ITEM
MO-162

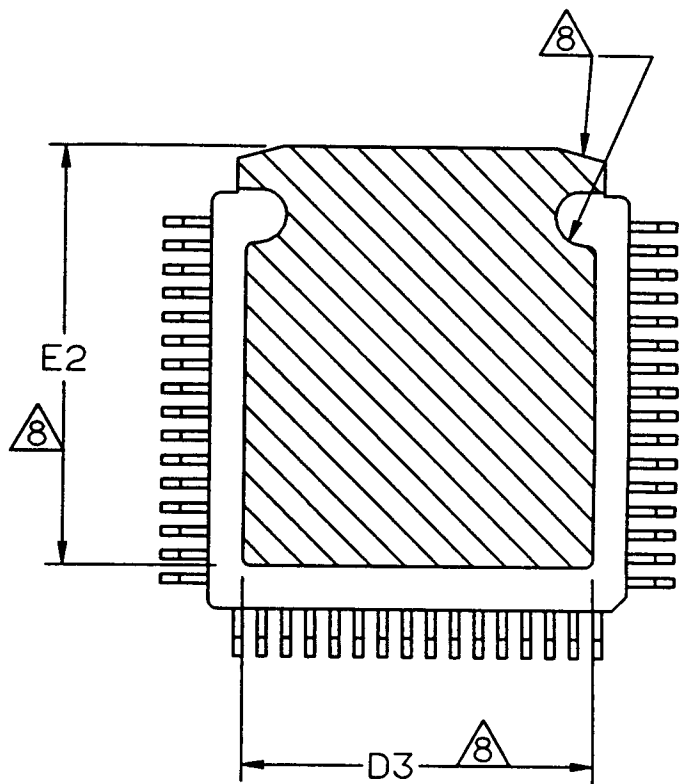
PAGE
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SECTION D-D



DETAIL "B"



VIEW C-C

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SYMBOL	ALL DIMENSIONS ARE IN MILLIMETERS			NOTE
	MIN.	NOM.	MAX.	
A	2.90	3.13	3.33	
A1	0.00	---	0.13	
A2	2.90	3.00	3.20	
D	16.95	17.20	17.45	5
D1	13.90	14.00	14.10	6
D2	12.20	12.30	12.40	
D3	8.75	---	---	8
E	16.95	17.20	17.45	5
E1	13.90	14.00	14.10	6
E2	11.60	---	---	8
F	1.47	1.52	1.58	
L	0.70	0.85	1.00	
L1	1.600 REF			
N	48			
b	0.30	0.37	0.45	7
b1	0.30	0.35	0.40	
c	0.20	---	0.37	
c1	0.20	---	0.30	
e	0.800 BSC			
NOTES	1,2			
ISSUE	A			
REF	11-370			

NOTES CON'T:

- △ EXPOSED HEATSLUG IS USED FOR PIN #1 ORIENTATION.
- △ SEATING PLANE IS DEFINED BY LEAD TIPS ONLY.

NOTES:

1. DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
- △ 3 DATUM PLANE **-H-** IS LOCATED AT BOTTOM OF LEAD AND IS COINCIDENT WITH THE LEAD WHERE THE LEAD EXITS THE PLASTIC BODY AT THE BOTTOM OF THE PARTING LINE.
- △ 4 DATUMS **-A-**, **-B-** AND **-D-** TO BE DETERMINED AT DATUM PLANE **-H-**
- △ 5 TO BE DETERMINED AT SEATING PLANE **-C-**.
- △ 6 DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25mm PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE **-H-**.
- △ 7 DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. THE DAM BAR PROTRUSIONS SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED 0.57. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
- △ 8 EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
- △ 9 CROSS-SECTION D-D APPLIES 0.10 TO 0.25 FROM LEAD TIP.

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