

IFDFO	TITLE	ISSUE	DATE		PAGE
JEDEC SOLID STATE PRODUCT OUTLINES	VERY THIN FINE PITCH PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT	А	APR 2008	MO-292	2 OF 8

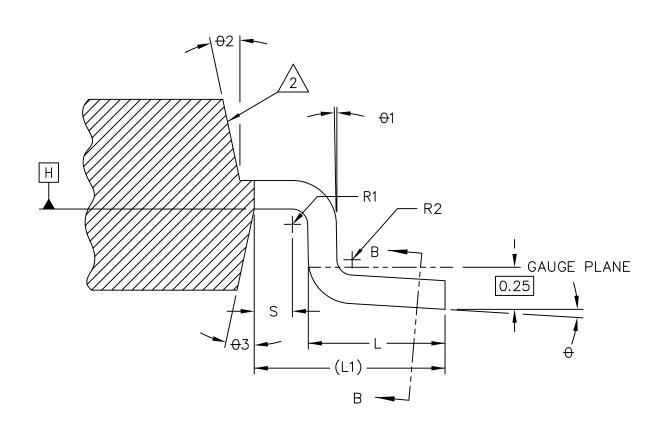


FIG 3 SECTION A-A

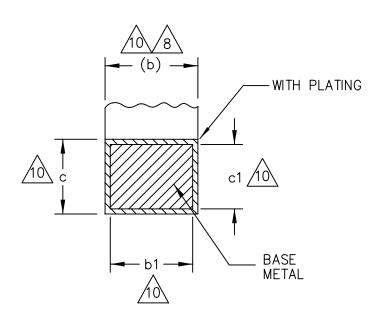
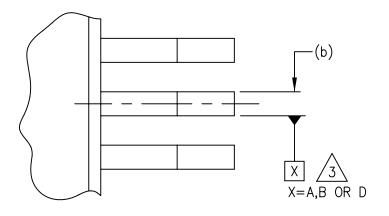


FIGURE 4 SECTION B-B

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ODD LEAD SIDES TOP VIEW

FIGURE 5

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S _Y M _B O _L	COMM	N		
M B	3 3 1111			0 T E
O _L	MIN.	NOM.	МАХ.	E
0	0,	3.5°	7°	
0 1	0°	_	_	
0 2	11°	12°	13°	
0 3	11°	12°	13°	
А	_	_	1.00	
A1	0.00	_	0.10	
A2	0.75	0.80	0.85	
А3	0.00	0.01	0.05	
С	0.09	_	0.20	10
C1	0.09	_	0.16	10
L	0.45	0.60	0.75	
L1	1.00 REF			
K	0.20	_	_	
R1	0.08	_	1	
R2	0.08	_	0.20	
S	0.20	-	1	
TOLE	RANCES O	F FORM AN	D POSITION	1
aaa		0.20		
bbb		0.20		
ccc		0.08		
ddd		0.08		
eee		0.10		
fff		0.05		
999		0.08		
hhh		0.10		
NOTE		1,7		
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TABLE 1

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SUMMARY TABLE					
BODY SIZE	PITCH	LEAD COUNT	0.80 mm THK BODY HVF-PQFP		
14 X 14	0.50	100	AA		

TABLE 2

VARIATIONS					
S _Y M _{BOL}		AA		N O T E	
OL	MIN.	NOM.	MAX.	Ė	
b	0.17	0.22	027	8,10	
b1	0.17	0.20	0.23	10	
b2	0.17	0.20	0.23	10	
D		6.00 BS		4	
D1	1	4.00 BS	C	5,2	
D2	SEE EX	POSED PAD VA	RIATION	12	
е	0.50 BSC				
e E E1 E2	16.00 BSC			4	
E1	1	5,2			
E2	SEE EX	POSED PAD VA	RIATION	12	
N		100			
М		116			
еТ		0.50 BSC			
eR	(0.80 BSC			
MDa		13			
MDb		16			
MEa		13			
MEb		16			
La		0.30 0.40 0.50			
Lb	0.30	0.40	0.50		
NOTE		1,7			
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TABLE 3

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NOTES:	
1. DIMENSIONING AND TOLEF	RANCING PER ASME Y14.5M-1994.
THE TOP PACKAGE BOD' PACKAGE SIZE BY AS M	Y SIZE MAY BE SMALLER THAN THE BOTTOM UCH AS 0.15 mm.
DATUMS A,B AND D TO	BE DETERMINED AT DATUM PLANE H.
4 TO BE DETERMINED AT S	SEATING PLANE C.
PROTRUSION IS 0.25 mn	DO NOT INCLUDE MOLD PROTRUSIONS. ALLOWABLE n PER SIDE. D1 AND E1 ARE MAXIMUM PLASTIC INCLUDING MOLD MISMATCH. D1 AND E1 SHALL BE PLANE H.
DETAILS OF PIN 1 IDENT WITHIN THE ZONE INDICA	IFIER ARE OPTIONAL BUT MUST BE LOCATED ATED.
7. ALL DIMENSIONS ARE IN	MILLIMETERS.
PROTRUSION SHALL NOT b DIMENSION BY MORE LOWER RADIUS OR THE	INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM THAN 0.08 mm. DAMBAR CANNOT BE LOCATED ON THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND 0.07 mm FOR 0.4 mm AND 0.5 mm PITCH PACKAGES.
EXACT SHAPE OF EACH	CORNER IS OPTIONAL.
THESE DIMENSIONS APPL 0.10 mm AND 0.25 mm	Y TO THE FLAT SECTION OF THE LEAD BETWEEN FROM THE LEAD TIP.
A1 IS DEFINED AS THE	DISTANCE FROM THE SEATING PLANE TO THE PACKAGE BODY.
THE SIZE OF THE EXPOS	SHOW THE OPTIONAL EXPOSED HEAT FEATURE. SED HEAT SLUG IS VARIABLE, DEPENDING ON DEVICE FUNCTION SHOULD VERIFY THE ACTUAL SIZE OF THE THERMAL PAD PPLICATION.
13 THIS FEATURE'S LENGTH	WILL BE DETERMINED AT MANUFACTURING
THAT MAY APPLY TO THE LATER PATENTS RESULT COMPANIES INTEND TO UNDER REASONABLE TE	AVE ISSUED PATENTS AND RELATED PATENT APPLICATIONS HIS REGISTRATION. IF THE CURRENT ISSUE PATENTS OR TING FROM RELATED APPLICATIONS DO APPLY, THESE COMPLY WITH THE JEDEC PATENT POLICY AND LICENSE RMS AND CONDITIONS THAT ARE DEMONSTRABLY FREE OF TION. REFERENCED PATENTS AS FOLLOWS:
	US 6818973
AMIZOD TECHNOLOGY	US 7211471
AMKOR TECHNOLOGY	
	•

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Change Record

If the changes involves any words added or deleted (excluding deletion of accidentally repeated words), the change is included. Punctuation changes may or may not be included.

Initial Issue:	Date:		Item: ISSUE
А	APRIL	2008	11-789
		Revision History:	
		·	
Issue:	Date:		Item:
Location		Change from:	Change to:
Issue:	Date:		Item:
Loca	tion	Change from:	Change to:

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