

FIG 2 SECTION A-A

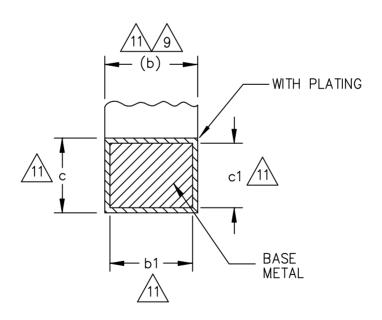
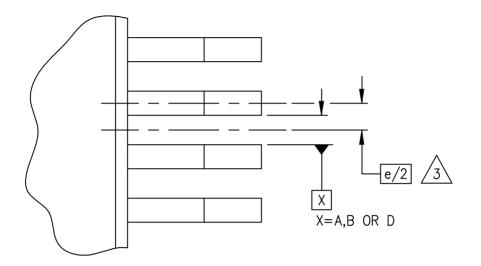
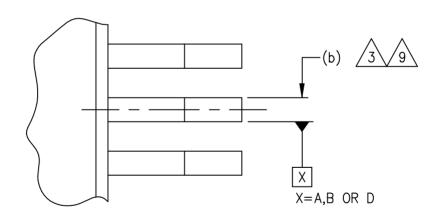


FIGURE 3 SECTION B-B

JEDEC	TITLE LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES	PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	2 0F 18



EVEN LEAD SIDES TOP VIEW



ODD LEAD SIDES TOP VIEW

FIGURE 4

JEDEC	TITLE LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES	PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	0F 18

S _Y M _B O _L	COMM	COMMON DIMENSIONS								
O _L	MIN.	NOM.	MAX.	O T E						
Ð	0.	3.5°	7°							
0 1	0.	=	_							
0 2	11°	12°	13°							
0 3	11°	12°	13°							
С	0.09	_	0.20	11						
C1	0.09	_	0.16	11						
D2	2.00	_	_	13						
E2	2.00	_	_	13						
L	0.45	0.60	0.75							
L1		1.00 REF								
R1	0.08	_	_							
R2	0.08	_	0.20							
S	0.20	_	_							
TOLE	RANCES O	F FORM AN	D POSITION	1						
aaa		0.20								
bbb		0.20								
NOTE	1,8	1,8								
REF	11-411, 11-521S									
ISSUE	Α,	С								

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	4 OF 18

			SI	UMMARY TABLE		
BODY SIZE	PITCH	LEAD COUNT	1.00 mm THK BODY T-PQFP-G	ENHANCED 1.00 mm THK BODY HT-PQFP-G 15	1.40 mm THK BODY L-PQFP-G	ENHANCED 1.40 mm THK BODY HL-PQFP-G 15
4 X 4	0.65	20	AKA	AKA-HU / AKA-HD	BKA	BKA-HU / BKA-HD
4 X 4	0.50	24	AKB	AKB-HU / AKB-HD	ВКВ	BKB-HU / BKB-HD
4 X 4	0.40	32	AKC	AKC-HU / AKC-HD	ВКС	BKC-HU / BKC-HD
5 X 5	0.50	32	AAA	AAA-HU / AAA-HD	BAA	BAA-HU / BAA-HD
5 X 5	0.40	40	AAB	AAB-HU / AAB-HD	BAB	BAB-HU / BAB-HD
7 X 7	0.80	32	ABA	ABA-HU / ABA-HD	BBA	BBA-HU / BBA-HD
7 X 7	0.65	40	ABB	ABB-HU / ABB-HD	BBB	BBB-HU / BBB-HD
7 X 7	0.50	48	ABC	ABC-HU / ABC-HD	BBC	BBC-HU / BBC-HD
7 X 7	0.40	64	ABD	ABD-HU / ABD-HD	BBD	BBD-HU / BBD-HD
10 X 10	1.00	36	ACA	ACA-HU / ACA-HD	BCA	BCA-HU / BCA-HD
10 X 10	0.80	44	ACB	ACB-HU / ACB-HD	BCB	BCB-HU / BCB-HD
10 X 10	0.65	52	ACC	ACC-HU / ACC-HD	BCC	BCC-HU / BCC-HD
10 X 10	0.50	64	ACD	ACD-HU /ACD-HD	BCD	BCD-HU / BCD-HD
10 X 10	0.40	80	ACE	ACE-HU / ACE-HD	BCE	BCE-HU / BCE-HD
12 X 12	1.00	44	ADA	ADA-HU / ADA-HD	BDA	BDA-HU / BDA-HD
12 X 12	0.80	52	ADB	ADB-HU / ADB-HS	BDB	BDB-HU / BDB-HD
12 X 12	0.65	64	ADC	ADC-HU / ADC-HD	BDC	BDC-HU / BDC-HD
12 X 12	0.50	80	ADD	ADD-HU / ADD-HD	BDD	BDD-HU / BDD-HD
12 X 12	0.40	100	ADE	ADE-HU / ADE-HD	BDE	BDE-HU / BDE-HD
14 X 14	1.00	52	AEA	AEA-HU / AEA-HD	BEA	BEA-HU / BEA-HD
14 X 14	0.80	64	AEB	AEB-HU / AEB-HD	BEB	BEB-HU / BEB-HD
14 X 14	0.65	80	AEC	AEC-HU / AEC-HD	BEC	BEC-HU / BEC-HD
14 X 14	0.50	100	AED	AED-HU / AED-HD	BED	BED-HU / BED-HD
14 X 14	0.40	120	AEE	AEE-HU / AEE-HD	BEE	BEE-HU / BEE-HD
20 X 20	0.65	112	AFA	AFA-HU / AFA-HD	BFA	BFA-HU / BFA-HD
20 X 20	0.50	144	AFB	AFB-HU / AFB-HD	BFB	BFB-HU / BFB-HD
20 X 20	0.40	176	AFC	AFC-HU / AFC-HD	BFC	BFC-HU / BFC-HD
24 X 24	0.50	176	AGA	AGA-HU / AGA-HD	BGA	BGA-HU / BGA-HD
24 X 24	0.40	216	AGB	AGB-HU /AGB-HD	BGB	BGB-HU / BGB-HD
14 X 20	0.65	100	АНА	AHA-HU / AHA-HD	ВНА	BHA-HU / BHA-HD
14 X 20	0.50	128	AHB	AHB-HU / AHB-HD	ВНВ	BHB-HU / BHB-HD
28 X 28	0.65	160	_	_	BJA	BJA-HU / BJA-HD
28 X 28	0.50	208	_	_	BJB	BJB-HU / BJB-HD
28 X 28	0.40	256	_	_	BJC	BJC-HU / BJC-HD
20110 2	JEDEC TATE PROI		TITLE LOW	/THIN PROFILE UAD FLAT PACKAGE,	SSUE DATE	PAGE 5

JEDEC
SOLID STATE PRODUCT
OUTLINES

TITLE

LOW/THIN PROFILE
PLASTIC QUAD FLAT PACKAGE,
2.00 mm F00TPRINT,
OPTIONAL HEAT SLUG

ISSUE
DATE

5
1/01 MS-026
0F
18

					V	ARIATION	S					
S _Y M _B O		AAA		N		AAB		N		ABA		N O T
^M B		SQUARE		O T		SQUARE		O T		SQUARE		
⁰ L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	иом.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.17	0.22	0.27	9,11	0.13	0.18	0.23	9,11	0.30	0.37	0.45	9,11
b1	0.17	0.20	0.23	11	0.13	0.16	0.19	11	0.30	0.35	0.40	11
D	•	7.00 BS0		4	•	7.00 BS0		4	9.00 BSC			4
D1		5.00 BS0		5,2		5.00 BS0		5,2	-	7.00 BS0		5,2
е	(0.50 BS()		(0.40 BS(0.80 BSC			
E	•	7.00 BS0)	4	•	7.00 BS0)	4	9.00 BSC)	4
E1	ļ	5.00 BS(5,2	ļ	5.00 BS(5,2	7.00 BSC			5,2
N		32				40				32		
			TOLE	ERANCE:	S OF FO	RM AND	POSITIO	N				
ссс		0.08				0.08				0.10		
ddd		0.08			0.07					0.20		
NOTE	1,8,	,15			1,8,15				1,8,	.15		
REF	11-	411			11-411			11-411				
ISSUE	Α				Α				Α			

					٧	ARIATION	S					
S _Y M _B O		ABB		N		ABC		N		ABD		N O T E
MB				O T		SQUARE		O T	SQUARE			ĭ
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11	0.13	0.18	0.23	9,11
b1	0.22	0.30	0.33	11	0.17	0.20	0.23	11	0.13	0.16	0.19	11
D	9	9.00 BS		4	9	9.00 BS		4	9	9.00 BS0		4
D1		7.00 BS	2	5,2		7.00 BS		5,2		7.00 BS0)	5,2
е	(0.65 BS0			(0.50 BS			0.40 BSC			
E	9	9.00 BS)		9	9.00 BS		4	9.00 BSC)	4
E1		7.00 BS	0	5,2		7.00 BS		5,2		7.00 BS0		5,2
N		40				48				64		
		·										
ССС		0.10				0.08				0.08		
ddd		0.13			0.08					0.07		
NOTE	1,8,	,15			1,8,	,15			1,8,	,15		
REF	11-	411			11-	411			11-	411		
ISSUE	А	· · · · · · · · · · · · · · · · · · ·			А	· · · · · · · · · · · · · · · · · · ·			А		· · · · · · · · · · · · · · · · · · ·	

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	6 OF 18

					V	ARIATION	S					
S _Y M _B O		ACA		N	ACB			N		ACC		N O T
MB		SQUARE		O T		SQUARE		O T		SQUARE		
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	иом.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.35	0.42	0.50	9,11	0.30	0.37	0.45	9,11	0.22	0.32	0.38	9,11
b1	0.35	0.40	0.45	11	0.30	0.35	0.40	11	0.22	0.30	0.33	11
D	1	2.00 BS	С	4	1	2.00 BS	O	4	12.00 BSC			4
D1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	10.00 BSC			5,2
е	•	1.00 BSC			(0.80 BS0			0.65 BSC			
E	1	2.00 BS	С	4	1	2.00 BS	С	4	12.00 BSC			4
E1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2
N		36				44				52		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10			0.10					0.10		
ddd		0.20			0.20					0.13		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11–	411			11-411				11-411			
ISSUE	Α				А		·		Α			

					V.	ARIATION	S					
S _Y M _B O		ACD		N		ACE		N		ADA		N
^M B		SQUARE		O T		SQUARE		O T		SQUARE		O T E
⁰ L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.17	0.22	0.27	9,11	0.13	0.18	0.23	9,11	0.35	0.42	0.50	9,11
b1	0.17	0.20	0.23	11	0.13	0.16	0.19	11	0.35	0.40	0.45	11
D	1	2.00 BS	С	4	1	2.00 BS	С	4	1	4		
D1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	1	2.00 BS	С	5,2
е	(0.50 BS(2		(0.40 BS	2		1.00 BSC			
E	1	2.00 BS	С	4	1	2.00 BS	С	4	14.00 BSC			4
E1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	1	2.00 BS	С	5,2
N		64				80				44		
			TOLE	ERANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08				0.08				0.10		
ddd		0.08			0.07					0.20		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	7 OF 18

					V.	ARIATION:	S					
S _Y M _B O		ADB		N		ADC		N		ADD		N O T
M _B		SQUARE		O T		SQUARE		O T		SQUARE		
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	NOM.	мах.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.30	0.37	0.45	9,11	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11
b1	0.30	0.35	0.40	11	0.22	0.30	0.33	11	0.17	0.20	0.23	11
D	1	4.00 BS	С	4	14.00 BSC			4	14.00 BSC			4
D1	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2	12.00 BSC			5,2
е	(0.80 BSC)		(0.65 BS(0.50 BSC			
E	1	4.00 BS	С	4	1	4.00 BS	С	4	14.00 BSC			4
E1	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2
N		52				64				80		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10				0.10				0.08		
ddd		0.20			0.13					0.08		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				А				Α			

					V	ARIATION	S					
SYM		ADE		N		AEA		N		AEB		N
M _B O		SQUARE		O T		SQUARE		O T		SQUARE		0 T E
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.13	0.18	0.23	9,11	0.35	0.42	0.50	9,11	0.30	0.37	0.45	9,11
b1	0.13	0.16	0.19	11	0.35	0.40	0.45	11	0.30	0.35	0.40	11
D	1	4.00 BS	С	4	16.00 BSC			4	1	6.00 BS	С	4
D1	1	2.00 BS	С	5,2	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
е	(0.40 BS0)		•	1.00 BS0				0.80		
E	1	4.00 BS	С	4	16.00 BSC			4	1	6.00 BS	С	4
E1	1	2.00 BS	С	5,2	1	4.00 BS	С	5,2	14.00 BSC			5,2
N		100				52				64		
			TOLE	RANCES	RANCES OF FORM AND POSITION			1				
ссс		0.08				0.10				0.10		
ddd	0.07					0.20			0.20			
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	8 OF 18

					V.	ARIATION:	S					
S		AEC		N		AED		N		AEE		N
M _B O		SQUARE		O T		SQUARE		O T		SQUARE		0 T
O _L	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	E
Α	_	_	1.20	14	-	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12					0.05	_	0.15	12
A2	0.95	1.00	1.05	14				14	0.95	1.00	1.05	14
b	0.22	0.32	0.38	9,11					0.13	0.18	0.23	9,11
b1	0.22	0.30	0.33	11					0.13	0.19	11	
D	1	16.00 BSC			16.00 BSC			4	1	6.00 BS	С	4
D1	1	14.00 BSC			1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
е	(0.65 BSC)		(0.50 BS0			(0.40 BS0)	
E	1	6.00 BS	С	4	16.00 BSC			4	1	6.00 BS	С	4
E1	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
N		80				100				120		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс	0.10 0.08									0.08		
ddd	0.13					0.08				0.07		
NOTE	1,8,15				1,8,15				1,8,	15		
REF	11-411				11-411				11-411			
ISSUE	A				A				A			

					V	ARIATION	S					
S		AFA		N		AFB		N		AFC		N
M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		9 T
^O L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	0.95	1.00	1.05	14	0.95	1.00	1.05	14	0.95	1.00	1.05	14
b	0.22	0.32	0.38	9,11	0.17 0.22 0.27		9,11	0.13	0.18	0.23	9,11	
b1	0.22	0.30	0.33	11	0.17	0.20	0.23	11	0.13	0.16	0.19	11
D	22.00 BSC			4	2	2.00 BS	С	4	2	2.00 BS	С	4
D1	2	0.00 BS	С	5,2	2	0.00 BS	С	5,2	2	20.00 BS	С	5,2
е	(0.65 BS0			(0.50 BS((0.40 BS0		
Е	2	2.00 BS	С	4				4	2	2.00 BS	С	4
E1	2	0.00 BS	С	5,2	2	0.00 BS	С	5,2	2	0.00 BS	C	5,2
N		112				144				176		
			TOLE	ERANCES	NCES OF FORM AND POSITION			1				
ссс		0.10				0.08		0.08				
ddd	0.13					0.08			0.07			
NOTE	1,8,15				1,8,15				1,8,	15		
REF	11-411				11-411				11-411			
ISSUE	A				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	9 OF 18

					V.	ARIATION	S					
S _Y M _B O		AGA		N		AGB		20		АНА		N
^{MI} B		SQUARE		O T		SQUARE		O T	RE	CTANGUL	AR	0 T
⁰ L	MIN.	NOM.	MAX.	E	MIN.	иом.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.20	14	_	_	1.20	14	-	_	1.20	14
A1	0.05	_	0.15	12					0.05	_	0.15	12
A2	0.95	1.00	1.05	14					0.95	1.00	1.05	14
b	0.17	0.22	0.27	9,11					0.22	0.32	0.38	9,11
b1	0.17	0.20	0.23	11					0.22	0.33	11	
D	2	26.00 BSC			2	6.00 BS	С	4	2	2.00 BS	С	4
D1	2	24.00 BSC			24.00 BSC			5,2	2	0.00 BS	С	5,2
е	(0.50 BS0)		0.40 BSC				Ó	0.65 BSC		
E	2	6.00 BS	С	4	2	6.00 BS	С	4	1	6.00 BS	С	4
E1	2	4.00 BS	С	5,2	2	4.00 BS	С	5,2	14.00 BSC			5,2
N		176				216				100		7
			TOLE	ERANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08				0.08				0.10		
ddd	0.08					0.07				0.13		
NOTE	1,8,15				1,8,15				1,7,	8,15		
REF	11-411				11-411				11–	411		
ISSUE	A				A				А			

					V.	ARIATION	S								
S _Y M _B O		AHB		N		AKA		N		AKB		N			
M _B	RE	CTANGUL	AR	O T		SQUARE		O T		SQUARE		O T			
⁰ L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	Ē			
Α	_	_	1.20	14	_	_	1.20	14	_	_	1.20	14			
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12			
A2	0.95	1.00	1.05	14					0.95	1.00	1.05	14			
b	0.17	0.22	0.27	9,11					0.17 0.22 0.27			9,11			
b1	0.17	0.20	0.23	11					0.17	0.20	0.23	11			
D	2	22.00 BS	С	4	6.00 BSC			4	(6.00 BS(4			
D1	2	20.00 BS	С	5,2		4.00 BS	0	5,2		4.00 BS0	2	5,2			
е	(0.50 BS(0.65 BSC					0.50 BS0					
E	1	6.00 BS	С	4	(5.00 BS	0	4		6.00 BS0	2	4			
E1	1	4.00 BS	С	5,2		4.00 BS	2	5,2		4.00 BS0	2	5,2			
N		128		7		20				24					
		TOLERAN						S OF FO	RM AND	POSITION	1				
ссс		0.08				0.10				0.08					
ddd	0.08					0.13				0.08					
NOTE	1,7,8,15				1,8,	15			1,8,	15					
REF	11-411				11-483S				11-483S						
ISSUE	A				В				В						

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	10 or 18

					١	/ARIATIC	NS				
S _Y _M _B O ₋		AKC		N				N			N O
"B		SQUARE		O T E				— O T E		_	J T ∣
⁰ L	MIN.	NOM.	MAX.	E				E			E
Α	_	_	1.20	14							
A1	0.05	_	0.15	12							
A2	0.95	1.00	1.05	14							
b	0.13										
b1	0.13			11							
D	•	6.00 BSC		4							
D1	•	4.00 BS0)	5,2							
е	(0.40 BS(2								
E	•	6.00 BS()	4							
E1		4.00 BS()	5,2							
N		32									
			TOLE	ERANCES	OF FC	DRM ANI	D POSITI	ON			
ссс		0.08									
ddd	0.07										
NOTE	1,8,										
REF	11-483S										
ISSUE	В										

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	11 OF 18

					V.	ARIATION	S					
s _Y ,		ВАА		N		BAB		ZC		BBA		N
'M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		0 T
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	иом.	MAX.	E
Α	_	_	1.60	14	_	_	1.60	14	ı	_	1.60	14
A1	0.05	_	0.15	12				12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.17	0.22	0.27	9,11				9,11	0.30	0.37	0.45	9,11
b1	0.17	0.20	0.23	11	0.13	0.16	0.19	11	0.30	0.35	0.40	11
D	•	7.00 BSC			-	7.00 BS0		4	Ů,	9.00 BSC		4
D1		5.00 BSC			ļ	5.00 BS0		5,2	•	7.00 BS0		5,2
е	(0.50 BS0)		0.40 BSC				Ú	0.80 BSC		
E	•	7.00 BS0		4	7.00 BSC			4	(,	9.00 BSC)	4
E1	ļ	5.00 BS()	5,2	į	5.00 BS(5,2	-	7.00 BSC		5,2
N		32				40				32		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс	0.08					0.08				0.10		
ddd	0.08					0.07		0.20				
NOTE	1,8,15				1,8,15				1,8,	15		
REF	11-411				11-411			11-411				
ISSUE	Α				Α				Α			

					V.	ARIATION	S					
S _Y		BBB		N		BBC		N		BBD		Й
'M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		O T
	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	Ė
Α	_	_	1.60	14	_	_	1.60	14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.22	0.32	0.38	9,11			9,11	0.13	0.18	0.23	9,11	
b1	0.22	0.30	0.33	11 0.17 0.20 0.23			11	0.13	0.16	0.19	11	
D	9.00 BSC			4	9.00 BSC			4	9	9.00 BS(4
D1	•	7.00 BS0		5,2	•	7.00 BS0		5,2	•	7.00 BS0		5,2
е	·	0.65 BS()		0.50 BSC				(0.40 BS0		
E	Ÿ,	9.00 BS0)	4	9.00 BSC			4	(9.00 BS0		4
E1	•	7.00 BS0		5,2	•	7.00 BS0		5,2	•	7.00 BS0)	5,2
N		40				48				64		
		TOLERANG				ERANCES OF FORM AND POSITION						
ссс		0.10				0.08				0.08		
ddd	0.13					0.08				0.07		
NOTE	1,8,15				1,8,	15			1,8,	15		
REF	11-411				11-411				11-411			
ISSUE	A				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	12 or 18

					V.	ARIATION	S					
S _Y M _B O		ВСА		N		BCB		N		BCC		N
M _B		SQUARE		O T		SQUARE		O T		SQUARE		0 T
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	NOM.	мах.	E
Α	_	_	1.60	14	- - 0.05 0.15			14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05 - 0.15			12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.35	0.42	0.50	9,11	0.30	0.37	0.45	9,11	0.22	0.32	0.38	9,11
b1	0.35	0.40	0.45	11	0.30	0.35	0.40	11	0.22 0.30 0.33			11
D	1	2.00 BS	С	4	1	2.00 BS	С	4	12.00 BSC			4
D1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	10.00 BSC			5,2
е	•	1.00 BSC			(0.80 BS0			0.65 BSC			
E	1	2.00 BS	С	4	1	2.00 BS	С	4	1	2.00 BS	С	4
E1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2
N		36				44				52		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10				0.10				0.10		
ddd		0.20			0.20					0.13		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				А			

					V.	ARIATION	S					
S _Y		BCD		N		BCE		N		BDA		N
'M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		0 T E
O _L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	_	_	1.60	14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.17	0.22	0.27	9,11						0.50	9,11	
b1	0.17	0.20	0.23	11	0.13 0.16 0.19 11 0.35 0.40 0.45					11		
D	1	2.00 BS	С	4	12.00 BSC 4 14.00 BSC					С	4	
D1	1	0.00 BS	С	5,2	1	0.00 BS	С	5,2	1	2.00 BS	С	5,2
е	(0.50 BS()		(0.40 BS			1.00 BSC			
E	1	2.00 BS	С	4	1	2.00 BS	О	4	1	4.00 BS	С	4
E1	1	0.00 BS	С	5,2	1	0.00 BS	O	5,2	1	2.00 BS	С	5,2
N		64				80				44		
			TOLE	ERANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08			0.08 0.10							
ddd		0.08			0.07					0.20		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411			11-411				
ISSUE	A				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	13 or 18

					V.	ARIATION	S					
S		BDB		N		BDC		N		BDD		N
'M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		0 T
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	1.60			14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05 - 0.15			12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.30	0.37	0.45	9,11	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11
b1	0.30	0.35	0.40	11	0.22	0.30	0.33	11	0.17 0.20 0.23			11
D	1	4.00 BS	С	4	1	4.00 BS	О	4	14.00 BSC			4
D1	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2	12.00 BSC			5,2
е	(0.80 BS0)		(0.65 BS0			0.50 BSC			
E	1	4.00 BS	С	4	1	4.00 BS	С	4	14.00 BSC			4
E1	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2	1	2.00 BS	С	5,2
N		52				64				80		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10				0.10				0.08		
ddd		0.20			0.13					0.08		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11–	411			11-411				11-411			
ISSUE	Α				Α		·		А			

					V.	ARIATION	S					
SYM		BDE		N		BEA		N		BEB		N
M _B O		SQUARE		O T		SQUARE		O T		SQUARE		0 T E
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	_	_	1.60	14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.13	0.18	0.23	9,11	0.35	0.42	0.50	9,11	0.30	0.37	0.45	9,11
b1	0.13	0.16	0.19	11	0.35 0.40 0.45 11 0.30 0.35 0.40					11		
D	1	4.00 BS	С	4	16.00 BSC 4 16.00 BSC				4			
D1	1	2.00 BS	С	5,2	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
е	(0.40 BS0)			1.00 BS0			(0.80 BS()	
E	1	4.00 BS	С	4	1	6.00 BS	О	4	1	6.00 BS	С	4
E1	1	2.00 BS	С	5,2	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
N		100				52				64		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08				0.10				0.10		
ddd		0.07			0.20					0.20		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411 11-411							
ISSUE	Α				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	14 OF 18

					V.	ARIATION	S					
S		BEC		N		BED		N		BEE		N
'M _B O,		SQUARE		O T		SQUARE		O T		SQUARE		0 T
O _L	MIN.	NOM.	MAX.	Е	MIN.	иом.	MAX.	Е	MIN.	NOM.	мах.	E
Α	_	_	1.60	14	1.60			14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05 - 0.15			12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11	0.13	0.18	0.23	9,11
b1	0.22	0.30	0.33	11	0.17	0.20	0.23	11	0.13 0.16 0.19			11
D	1	6.00 BS	С	4	1	6.00 BS	С	4	16.00 BSC			4
D1	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2	1	С	5,2	
е	(0.65 BSC)		(0.50 BS0			0.40 BSC			
E	1	6.00 BS	С	4	1	6.00 BS	С	4	16.00 BSC			4
E1	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2	1	4.00 BS	С	5,2
N		80				100				120		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10				0.08				0.08		
ddd		0.13			0.08					0.07		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				А			

					V.	ARIATION	S					
S _Y M _B O		BFA		N		BFB		N		BFC		N
MB		SQUARE		O T		SQUARE		O T		SQUARE		0 T E
°L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	_	_	1.60	14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.22	0.32	0.38	9,11						0.23	9,11	
b1	0.22	0.30	0.33	11	0.17 0.20 0.23 11 0.13 0.16 0.19					0.19	11	
D	2	22.00 BS	C	4	22.00 BSC 4 22.00 BS				С	4		
D1	2	20.00 BS	С	5,2	2	0.00 BS	С	5,2	2	5,2		
е	(0.65 BS(2		(0.50 BS(0.40 BSC			
E	2	22.00 BS	С	4	2	2.00 BS	O	4	2	2.00 BS	С	4
E1	2	20.00 BS	С	5,2	2	0.00 BS	C	5,2	2	0.00 BS	С	5,2
N		112				144				176		
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.10			0.08 0.08							
ddd		0.13			0.08					0.07		
NOTE	1,8,	15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	15 OF 18

					V.	ARIATION	S					
S		BGA		N		BGB		N		ВНА		N
M _B O		SQUARE		O T		SQUARE		O T	RE	CTANGUL	AR	0 T
⁰ L	MIN.	NOM.	MAX.	E	MIN.	иом.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	- - 1.60			14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05 - 0.15			12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35 1.40 1.45			14	1.35	1.40	1.45	14
b	0.17	0.22	0.27	9,11	0.13 0.18 0.23			9,11	0.22	0.32	0.38	9,11
b1	0.17	0.20	0.23	11	0.13	0.16	0.19	11	0.22 0.30 0.33			11
D	2	6.00 BS	С	4	2	6.00 BS	C	4	22.00 BSC			4
D1	2	4.00 BS	С	5,2	2	4.00 BS	С	5,2	20.00 BSC			5,2
е	(0.50 BS0)		(0.40 BS0			0.65 BSC			
E	2	6.00 BS	С	4	2	6.00 BS	С	4	16.00 BSC			4
E1	2	4.00 BS	С	5,2	2	4.00 BS	С	5,2	1	4.00 BS	С	5,2
N		176				216				100		7
			TOLE	ERANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08				0.08				0.10		
ddd		0.08			0.07					0.13		
NOTE	1,8,	15			1,8,15				1,7,	8,15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				Α			

					V	ARIATION	 S					
S _Y _M _B O,		BHB		N		BJA		N		BJB		N
M _B	RE	CTANGUL	AR	O T		SQUARE		O T		SQUARE		O T E
O _L	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14	_	_	1.60	14	_	_	1.60	14
A1	0.05	_	0.15	12	0.05	_	0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.17	0.22	0.27	9,11	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11
b1	0.17	0.20	0.23	11					0.17	0.17 0.20 0.23		
D	2	2.00 BS	С	4	3	0.00 BS	С	4	3	4 5,2		
D1	2	20.00 BS	С	5,2	2	8.00 BS	С	5,2	2	28.00 BSC		
е	(0.50 BS((0.65 BS(0.50 BSC			
E	1	6.00 BS	С	4	3	0.00 BS	С	4	3	30.00 BS	С	4
E1	1	4.00 BS	С	5,2	2	8.00 BS	С	5,2	2	28.00 BS	С	5,2
N		128		7		160				208		
			TOLE	ERANCES	S OF FOI	RM AND	POSITION	1				
ссс		0.08			0.10					0.08		
ddd		0.08			0.13					0.08		
NOTE	1,7,	8,15			1,8,15				1,8,	15		
REF	11-	411			11-411				11-411			
ISSUE	Α				Α				Α			

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	16 OF 18

VARIATIONS												
S _Y M _B O	BJC		BJC !		N BKA		N	BKB		N		
M _B		SQUARE		O SQUARE 1		O T	SQUARE			O		
L OL	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E
Α			1.60	14			1.60	14	_	_	1.60	14
A1	0.05		0.15	12	0.05		0.15	12	0.05	_	0.15	12
A2	1.35	1.40	1.45	14	1.35	1.40	1.45	14	1.35	1.40	1.45	14
b	0.13	0.18	0.23	9,11	0.22	0.32	0.38	9,11	0.17	0.22	0.27	9,11
b1	0.13	0.16	0.19	11	0.22	0.30	0.33	11	0.17	0.20	0.23	11
D	3	0.00 BS	С	4	4 6.00 BSC		4	6.00 BSC			4	
D1	2	8.00 BS	С	5,2	4.00 BSC		5,2	4.00 BSC			5,2	
е	(0.40 BS0)		(0.65 BSC			0.50 BSC			
E	3	0.00 BS	С	4	(6.00 BS(4		6.00 BS()	4
E1	2	8.00 BS	С	5,2		4.00 BS0		5,2	4.00 BSC			5,2
N		256				20						
			TOLE	RANCES	S OF FO	RM AND	POSITION	1				
ссс		0.08			0.10			0.08				
ddd		0.07			0.13			0.08				
NOTE	1,8,	15			1,8,15			1,8,15				
REF	11-	·411			11-483S				11-483S			
ISSUE	Α				В				В			

S _Y M _B O		BKC		N O T				N				N
"B	SQUARE		ĬŤ				O T				- O T E	
L	MIN.	NOM.	MAX.	Е	MIN.	NOM.	MAX.	E	MIN.	NOM.	MAX.	E
Α	_	_	1.60	14								
A1	0.05	_	0.15	12								
A2	1.35	1.40	1.45	14								
b	0.13	0.18	0.23	9,11								
b1	0.13	0.16	0.19	11								
D		6.00 BS(4								
D1		4.00 BS0)	5,2								
е	(0.40 BS(
E		6.00 BS()	4								
E1		4.00 BS0		5,2								
N		32										
			TOLE	ERANCES	S OF FC	RM AND	POSITION	1				
ccc		0.08										
ddd		0.07	<u> </u>			<u> </u>						
NOTE	1,8,	15										
REF	11-	483S										
ISSUE	В		·			·						

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES	SOLID STATE PRODUCT	PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	17 OF 18

NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.



THE TOP PACKAGE BODY SIZE MAY BE SMALLER THAN THE BOTTOM PACKAGE SIZE BY AS MUCH AS 0.15 mm.



DATUMS A-B AND D TO BE DETERMINED AT DATUM PLANE H.



TO BE DETERMINED AT SEATING DATUM PLANE C.



DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSIONS. ALLOWABLE PROTRUSION IS 0.25 mm PER SIDE. D1 AND E1 ARE MAXIMUM PLASTIC BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH.



DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.



RECTANGULAR VARIATIONS AHA AND BHA AND HEAT SLUG VARIATIONS HAVE 30 AND 20 LEADS ON SIDES D AND E RESPECTIVELY. RECTANGULAR VARIATIONS AHB AND BHB AND HEAT SLUG VARIATIONS HAVE 38 AND 26 LEADS ON SIDES D AND E RESPECTIVELY.

8. ALL DIMENSIONS ARE IN MILLIMETERS.



DIMENSION 6 DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM 6 DIMENSION BY MORE THAN 0.08 mm. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT. MINIMUM SPACE BETWEEN PROTRUSION AND AN ADJACENT LEAD IS 0.07 mm FOR 0.4 mm AND 0.5 mm PITCH PACKAGES.



EXACT SHAPE OF EACH CORNER IS OPTIONAL.



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



A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT ON THE PACKAGE BODY.



/13\ DIMENSION D2 AND E2 SHOW THE MINIMUM ALLOWED FOR THE OPTIONAL EXPOSED HEAT SLUG. THE MAXIMUM ALLOWED IS EQUAL TO THE PACKAGE BODY SIZE (D1 & E1). HOWEVER, THE SIZE OF THE EXPOSED HEAT SLUG IS VARIABLE DEPENDING ON DEVICE FUNCTION (DIE SIZE). END USERS SHOULD VERIFY THE ACTUAL SIZE OF EITHER TOP OR BOTTOM EXPOSED THERMAL PAD FOR SPECIFIC DEVICE APPLICATION.



THE OPTIONAL EXPOSED HEATSLUG IS COINCIDENT WITH THE TOP OR BOTTOM SIDE OF THE PACKAGE AND NOT ALLOWED TO PROTRUDE BEYOND THAT SURFACE.



 $^\prime$ 15), thermally enhanced variations have "hu" or "hd" after the variation DESIGNATOR

> HU = HEAT SLUG UP*HD = HEAT SLUG DOWN

* THE MINIMUM A1 VALUE FOR THE HEAT SLUG DOWN (HD) VARIATIONS MAY BE 0.00 mm TO ACCOMMODATE REFLOW PROCESSES AND GLUING OF THE HEAT SLUG DIRECTLY TO THE PRINTED CIRCUIT BOARD (PCB). THE MAXIMUM VALUES FOR A1 REMAINS THE SAME FOR EITHER HD OR HU VARIATIONS.

JEDEC	TITLE	LOW/THIN PROFILE	ISSUE	DATE		PAGE
SOLID STATE PRODUCT OUTLINES		PLASTIC QUAD FLAT PACKAGE, 2.00 mm FOOTPRINT, OPTIONAL HEAT SLUG	D	1/01	MS-026	18 OF 18