

FIGURE 1

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

METRIC PLASTIC QUAD FLATPACK  
FAMILY 3.9 mm FOOTPRINT

JESD-30 DESIGNATOR

S-R-PQFP-G

ISSUE

B

DATE

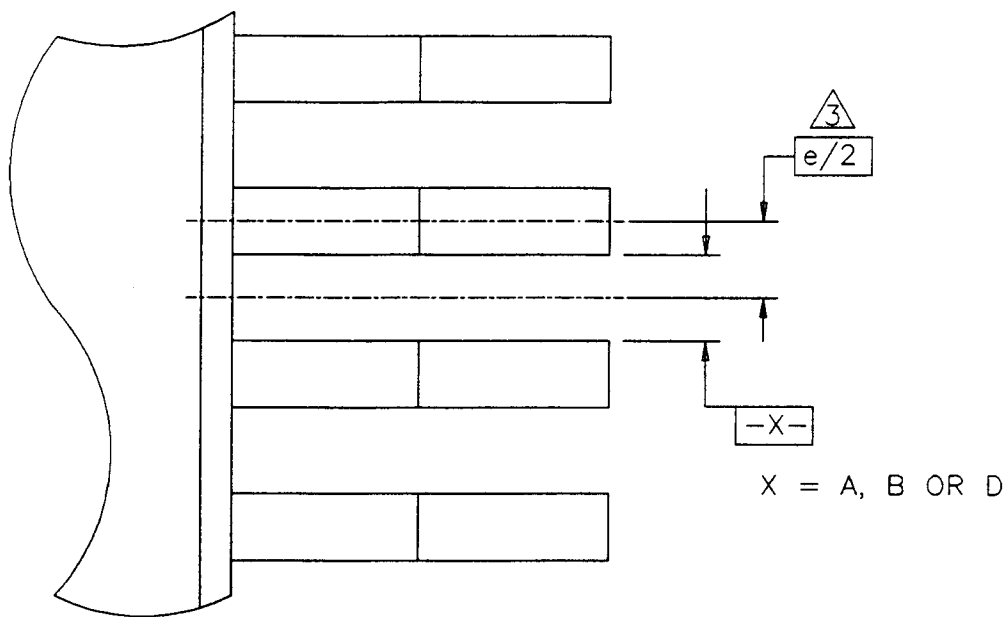
09/95

ITEM

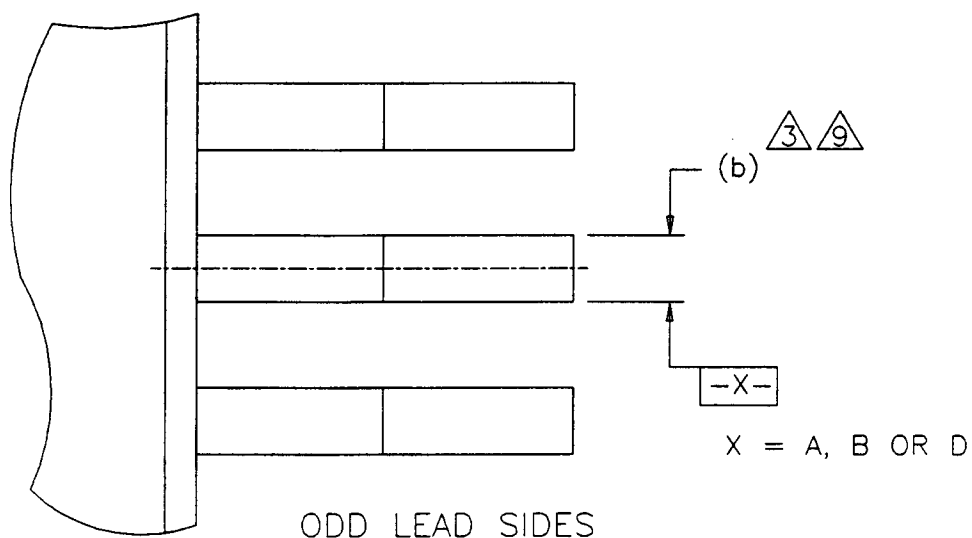
MO-112

SHEET

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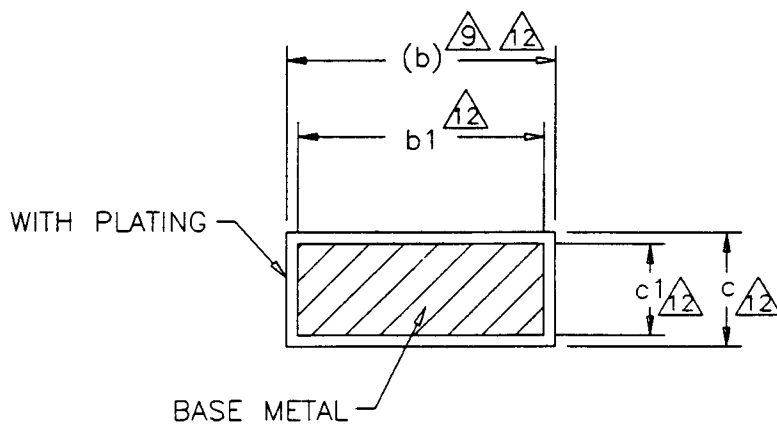
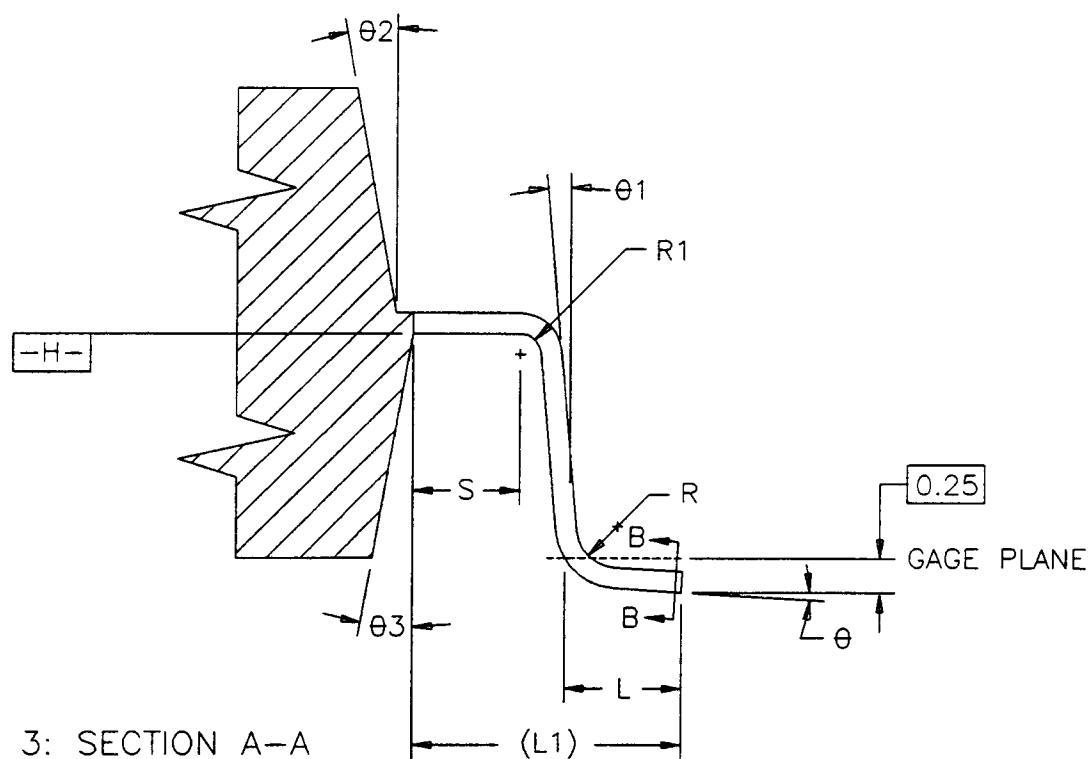
EVEN LEAD SIDES



ODD LEAD SIDES

FIGURE 2: DETAIL A

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT	ISSUE B	DATE 09/95	ITEM MO-112	SHEET 2 of 12
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JEDEC SOLID STATE PRODUCT OUTLINES	TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT	ISSUE B	DATE 09/95	ITEM MO-112	SHEET 3 of 12
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# NOTES:

- 1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982.
- 2 DATUM PLANE  $\boxed{-H-}$  IS LOCATED AT THE BOTTOM OF THE MOLD PARTING LINE COINCIDENT WITH WHERE THE LEAD EXITS THE BODY.
- 3 DATUMS  $\boxed{A-B}$  AND  $\boxed{-D-}$  TO BE DETERMINED AT DATUM PLANE  $\boxed{-H-}$ .
- 4 TO BE DETERMINED AT SEATING PLANE  $\boxed{-C-}$ .
- 5 DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.25 mm PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE  $\boxed{-H-}$ .
- 6 DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.
- 7 REGARDLESS OF THE RELATIVE SIZE OF THE UPPER AND LOWER BODY SECTIONS, DIMENSIONS D1 AND E1 ARE DETERMINED AT THE LARGEST FEATURE OF THE BODY EXCLUSIVE OF MOLD FLASH AND GATE BURRS, BUT INCLUDING ANY MISMATCH BETWEEN THE UPPER AND LOWER SECTIONS OF THE MOLDED BODY.
- 8 ALL DIMENSIONS ARE IN MILLIMETERS.
- 9 DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL NOT CAUSE THE LEAD WIDTH TO EXCEED THE MAXIMUM b DIMENSION BY MORE THAN 0.08mm. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE LEAD FOOT.
- 10 EXACT SHAPE AND SIZE OF THIS FEATURE ARE OPTIONAL.
- 11 N IS THE NUMBER OF LEADS.
- 12 THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.10 mm AND 0.25 mm FROM THE LEAD TIP.
- 13 RECTANGULAR VARIATIONS CA-1 AND CA-2 HAVE 19 AND 13 LEADS ON SIDES D AND E RESPECTIVELY. RECTANGULAR VARIATIONS CB-1 AND CB-2 HAVE 24 AND 16 LEADS ON SIDES D AND E RESPECTIVELY. RECTANGULAR VARIATIONS CC-1 AND CC-2 HAVE 30 AND 20 LEADS ON SIDES D AND E RESPECTIVELY.
- 14 HIGH STANDOFF AND LOW STANDOFF VERSIONS ARE REPRESENTED BY XX-1 AND XX-2 RESPECTIVELY.

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT	ISSUE B	DATE 09/95	ITEM MO-112	SHEET 4 of 12
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COMMON DIMENSIONS			
SYMBOL	MIN	NOM	MAX
c	0.11	---	0.23
c1	0.11	---	0.17
L	0.73	0.88	1.03
L1	1.95 REF.		
R	0.13	---	0.30
R1	0.13	---	---
S	0.40	---	---
$\theta$	0°	3.5°	7°
$\theta 1$	0°	---	---
$\theta 2$	5°	---	16°
$\theta 3$	5°	---	16°
aaa	0.25		
bbb	0.20		

SUMMARY TABLE					
BODY SIZE	PITCH	LEAD COUNT	BODY THICKNESS	HIGH STANDOFF	LOW STANDOFF
10 X 10	0.80	44	2.00	AA-1	AA-2
10 X 10	0.80	44	2.80	AB-1	AB-2
10 X 10	0.65	52	2.00	AC-1	AC-2
10 X 10	0.65	52	2.80	AD-1	AD-2
14 X 14	1.00	52	2.00	BA-1	BA-2
14 X 14	1.00	52	2.80	BB-1	BB-2
14 X 14	0.80	64	2.00	BC-1	BC-2
14 X 14	0.80	64	2.80	BD-1	BD-2
14 X 14	0.65	80	2.00	BE-1	BE-2
14 X 14	0.65	80	2.80	BF-1	BF-2
14 X 20	1.00	64	2.80	CA-1	CA-2
14 X 20	0.80	80	2.80	CB-1	CB-2
14 X 20	0.65	100	2.80	CC-1	CC-2
28 X 28	0.80	120	3.42	DA-1	DA-2
28 X 28	0.80	128	3.42	DB-1	DB-2
28 X 28	0.65	144	3.42	DC-1	DC-2
28 X 28	0.65	160	3.42	DD-1	DD-2
32 X 32	0.65	184	3.42	EA-1	EA-2
40 X 40	0.65	232	3.80	FA-1	FA-2

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT	ISSUE B	DATE 09/95	ITEM MO-112	SHEET 5 of 12
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SYMBOL	VARIATIONS												
	AA-1			NOTE	AA-2			NOTE	AB-1			NOTE	
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX		
A	---	---	2.45	9	---	---	2.35	9	---	---	3.40	9	
A1	0.25	---	---		0.00	---	0.25		0.25	---	---		
A2	1.95	2.00	2.10		1.95	2.00	2.10		2.55	2.80	3.05		
b	0.30	---	0.45		0.30	---	0.45		0.30	---	0.45		
b1	0.30	0.35	0.40		0.30	0.35	0.40		0.30	0.35	0.40		
D	13.90 BASIC			4	13.90 BASIC			4	13.90 BASIC			4	
D1	10.00 BASIC			5,7	10.00 BASIC			5,7	10.00 BASIC			5,7	
E	13.90 BASIC			4	13.90 BASIC			4	13.90 BASIC			4	
E1	10.00 BASIC			5,7	10.00 BASIC			5,7	10.00 BASIC			5,7	
e	0.80 BASIC				0.80 BASIC				0.80 BASIC				
N	44				44				44				
ccc	0.20				0.20				0.20				
NOTE	1,8				1,8				1,8				
REF.	11-286				11-286				11-286				
ISSUE	A				A				A				
SYMBOL	VARIATIONS												
	AB-2			NOTE	AC-1			NOTE	AC-2			NOTE	
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX		
A	---	---	3.30	9	---	---	2.45	9	---	---	2.35	9	
A1	0.00	---	0.25		0.25	---	---		0.00	---	0.25		
A2	2.55	2.80	3.05		1.95	2.00	2.10		1.95	2.00	2.10		
b	0.30	---	0.45		0.22	---	0.38		0.22	---	0.38		
b1	0.30	0.35	0.40		0.22	0.30	0.33		0.22	0.30	0.33		
D	13.90 BASIC			4	13.90 BASIC			4	13.90 BASIC			4	
D1	10.00 BASIC			5,7	10.00 BASIC			5,7	10.00 BASIC			5,7	
E	13.90 BASIC			4	13.90 BASIC			4	13.90 BASIC			4	
E1	10.00 BASIC			5,7	10.00 BASIC			5,7	10.00 BASIC			5,7	
e	0.80 BASIC				0.65 BASIC				0.65 BASIC				
N	44				52				52				
ccc	0.20				0.12				0.12				
NOTE	1,8				1,8				1,8				
REF.	11-286				11-286				11-286				
ISSUE	A				A				A				
JEDEC SOLID STATE PRODUCT OUTLINES		TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B		DATE 09/95		ITEM MO-112		SHEET 6 of 12	

SYMBOL	VARIATIONS											
	AD-1			NOTE	AD-2			NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	3.40	9	----	----	3.30	9				
A1	0.25	----	----		0.00	----	0.25					
A2	2.55	2.80	3.05		2.55	2.80	3.05					
b	0.22	----	0.38		0.22	----	0.38					
b1	0.22	0.30	0.33		0.22	0.30	0.33					
D	13.90 BASIC			4	13.90 BASIC			4				
D1	10.00 BASIC			5,7	10.00 BASIC			5,7				
E	13.90 BASIC			4	13.90 BASIC			4				
E1	10.00 BASIC			5,7	10.00 BASIC			5,7				
e	0.65 BASIC				0.65 BASIC							
N	52				52							
ccc	0.12				0.12							
NOTE	1,8				1,8							
REF.	11-286				11-286							
ISSUE	A				A							
SYMBOL	VARIATIONS											
	BA-1			NOTE	BA-2			NOTE	BB-1			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	2.45	9	----	----	2.35	9	----	----	3.40	9
A1	0.25	----	----		0.00	----	0.25		0.25	----	----	
A2	1.95	2.00	2.10		1.95	2.00	2.10		2.55	2.80	3.05	
b	0.35	----	0.50		0.35	----	0.50		0.35	----	0.50	
b1	0.35	0.40	0.45		0.35	0.40	0.45		0.35	0.40	0.45	
D	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
D1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	1.00 BASIC				1.00 BASIC				1.00 BASIC			
N	52				52				52			
ccc	0.20				0.20				0.20			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B	DATE 09/95	ITEM MO-112		SHEET 7 of 12	

SYMBOL	VARIATIONS											
	BB-2			NOTE	BC-1			NOTE	BC-2			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	3.30	9	----	----	2.45	9	----	----	2.35	9
A1	0.00	----	0.25		0.25	----	----		0.00	----	0.25	
A2	2.55	2.80	3.05		1.95	2.00	2.10		1.95	2.00	2.10	
b	0.35	----	0.50		0.30	----	0.45		0.30	----	0.45	
b1	0.35	0.40	0.45		0.30	0.35	0.40		0.30	0.35	0.40	
D	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
D1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	1.00 BASIC				0.80 BASIC				0.80 BASIC			
N	52				64				64			
ccc	0.20				0.20				0.20			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
SYMBOL	VARIATIONS											
	BD-1			NOTE	BD-2			NOTE	BE-1			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	3.40	9	----	----	3.30	9	----	----	2.45	9
A1	0.25	----	----		0.00	----	0.25		0.25	----	----	
A2	2.55	2.80	3.05		2.55	2.80	3.05		1.95	2.00	2.10	
b	0.30	----	0.45		0.30	----	0.45		0.22	----	0.38	
b1	0.30	0.35	0.40		0.30	0.35	0.40		0.22	0.30	0.33	
D	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
D1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	0.80 BASIC				0.80 BASIC				0.65 BASIC			
N	64				64				80			
ccc	0.20				0.20				0.12			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B	DATE 09/95	ITEM MO-112		SHEET 8 of 12	



SYMBOL	VARIATIONS											
	BE-2			NOTE	BF-1			NOTE	BF-2			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	2.35	9	---	---	3.40	9	---	---	3.30	9
A1	0.00	---	0.25		0.25	---	---		0.00	---	0.25	
A2	1.95	2.00	2.10		2.55	2.80	3.05		2.55	2.80	3.05	
b	0.22	---	0.38		0.22	---	0.38		0.22	---	0.38	
b1	0.22	0.30	0.33		0.22	0.30	0.33		0.22	0.30	0.33	
D	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
D1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	0.65 BASIC				0.65 BASIC				0.65 BASIC			
N	80				80				80			
ccc	0.12				0.12				0.12			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
SYMBOL	VARIATIONS											
	CA-1			NOTE	CA-2			NOTE	CB-1			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	3.40	9	---	---	3.30	9	---	---	3.40	9
A1	0.25	---	---		0.00	---	0.25		0.25	---	---	
A2	2.55	2.80	3.05		2.55	2.80	3.05		2.55	2.80	3.05	
b	0.35	---	0.50		0.35	---	0.50		0.30	---	0.45	
b1	0.35	0.40	0.45		0.35	0.40	0.45		0.30	0.35	0.40	
D	23.90 BASIC			4	23.90 BASIC			4	23.90 BASIC			4
D1	20.00 BASIC			5,7	20.00 BASIC			5,7	20.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	1.00 BASIC			13	1.00 BASIC			13	0.80 BASIC			13
N	64				64				80			
ccc	0.20				0.20				0.20			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B	DATE 09/95	ITEM MO-112		SHEET 9 of 12	

SYMBOL	VARIATIONS											
	CB-2			NOTE	CC-1			NOTE	CC-2			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	3.30	9	---	---	3.40	9	---	---	3.30	9
A1	0.00	---	0.25		0.25	---	---		0.00	---	0.25	
A2	2.55	2.80	3.05		2.55	2.80	3.05		2.55	2.80	3.05	
b	0.30	---	0.45		0.22	---	0.38		0.22	---	0.38	
b1	0.30	0.35	0.40		0.22	0.30	0.33		0.22	0.30	0.33	
D	23.90 BASIC			4	23.90 BASIC			4	23.90 BASIC			4
D1	20.00 BASIC			5,7	20.00 BASIC			5,7	20.00 BASIC			5,7
E	17.90 BASIC			4	17.90 BASIC			4	17.90 BASIC			4
E1	14.00 BASIC			5,7	14.00 BASIC			5,7	14.00 BASIC			5,7
e	0.80 BASIC			13	0.65 BASIC			13	0.65 BASIC			13
N	80				100				100			
ccc	0.20				0.12				0.12			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
SYMBOL	VARIATIONS											
	DA-1			NOTE	DA-2			NOTE	DB-1			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	4.07	9	---	---	3.92	9	---	---	4.07	9
A1	0.25	---	---		0.00	---	0.25		0.25	---	---	
A2	3.17	3.42	3.67		3.17	3.42	3.67		3.17	3.42	3.67	
b	0.30	---	0.45		0.30	---	0.45		0.30	---	0.45	
b1	0.30	0.35	0.40		0.30	0.35	0.40		0.30	0.35	0.40	
D	31.90 BASIC			4	31.90 BASIC			4	31.90 BASIC			4
D1	28.00 BASIC			5,7	28.00 BASIC			5,7	28.00 BASIC			5,7
E	31.90 BASIC			4	31.90 BASIC			4	31.90 BASIC			4
E1	28.00 BASIC			5,7	28.00 BASIC			5,7	28.00 BASIC			5,7
e	0.80 BASIC			120	0.80 BASIC			120	0.80 BASIC			128
N	120				120				128			
ccc	0.20				0.20				0.20			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B	DATE 09/95	ITEM MO-112		SHEET 10 of 12	

SYMBOL	VARIATIONS											
	DB-2			NOTE	DC-1			NOTE	DC-2			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	3.92	9	----	----	4.07	9	----	----	3.92	9
A1	0.00	----	0.25		0.25	----	----		0.00	----	0.25	
A2	3.17	3.42	3.67		3.17	3.42	3.67		3.17	3.42	3.67	
b	0.30	----	0.45		0.22	----	0.38		0.22	----	0.38	
b1	0.30	0.35	0.40		0.22	0.30	0.33		0.22	0.30	0.33	
D	31.90 BASIC			4	31.90 BASIC			4	31.90 BASIC			4
D1	28.00 BASIC			5,7	28.00 BASIC			5,7	28.00 BASIC			5,7
E	31.90 BASIC			4	31.90 BASIC			4	31.90 BASIC			4
E1	28.00 BASIC			5,7	28.00 BASIC			5,7	28.00 BASIC			5,7
e	0.80 BASIC				0.65 BASIC				0.65 BASIC			
N	128				144				144			
ccc	0.20				0.12				0.12			
NOTE	1,8				1,8				1,8			
REF.	11-286				11-286				11-286			
ISSUE	A				A				A			

SYMBOL	VARIATIONS											
	DD-1			NOTE	DD-2			NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	----	----	4.07	9	----	----	3.92	9				
A1	0.25	----	----		0.00	----	0.25					
A2	3.17	3.42	3.67		3.17	3.42	3.67					
b	0.22	----	0.38		0.22	----	0.38					
b1	0.22	0.30	0.33		0.22	0.30	0.33					
D	31.90 BASIC			4	31.90 BASIC			4				
D1	28.00 BASIC			5,7	28.00 BASIC			5,7				
E	31.90 BASIC			4	31.90 BASIC			4				
E1	28.00 BASIC			5,7	28.00 BASIC			5,7				
e	0.65 BASIC				0.65 BASIC							
N	160				160							
ccc	0.12				0.12							
NOTE	1,8				1,8							
REF.	11-286				11-286							
ISSUE	A				A							

JEDEC SOLID STATE PRODUCT OUTLINES		TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT		ISSUE B	DATE 09/95	ITEM MO-112	SHEET 11 of 12
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SYMBOL	VARIATIONS											
	EA-1			NOTE	EA-2			NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	4.07	9	---	---	3.92	9				
A1	0.25	---	---		0.00	---	0.25					
A2	3.17	3.42	3.67		3.17	3.42	3.67					
b	0.22	---	0.38		0.22	---	0.38					
b1	0.22	0.30	0.33		0.22	0.30	0.33					
D	35.90 BASIC			4	35.90 BASIC			4				
D1	32.00 BASIC			5,7	32.00 BASIC			5,7				
E	35.90 BASIC			4	35.90 BASIC			4				
E1	32.00 BASIC			5,7	32.00 BASIC			5,7				
e	0.65 BASIC				0.65 BASIC							
N	184				184							
ccc	0.12				0.12							
NOTE	1,8				1,8							
REF.	11-286				11-286							
ISSUE	A				A							
SYMBOL	VARIATIONS											
	FA-1			NOTE	FA-2			NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	---	---	4.50	9	---	---	4.40	9				
A1	0.35	---	---		0.00	---	0.35					
A2	3.55	3.80	4.05		3.55	3.80	4.05					
b	0.22	---	0.38		0.22	---	0.38					
b1	0.22	0.30	0.33		0.22	0.30	0.33					
D	43.90 BASIC			4	43.90 BASIC			4				
D1	40.00 BASIC			5,7	40.00 BASIC			5,7				
E	43.90 BASIC			4	43.90 BASIC			4				
E1	40.00 BASIC			5,7	40.00 BASIC			5,7				
e	0.65 BASIC				0.65 BASIC							
N	232				232							
ccc	0.12				0.12							
NOTE	1,8				1,8							
REF.	11-286				11-286							
ISSUE	A				A							
JEDEC SOLID STATE PRODUCT OUTLINES			TITLE S-R-PQFP-G METRIC PLASTIC QUAD FLATPACK FAMILY 3.9 mm FOOTPRINT				ISSUE B	DATE 09/95	ITEM MO-112		SHEET 12 of 12	