

FIGURE 1

PRINCIPAL DIMENSIONS & DATUMS

JEDEC SOLID STATE PRODUCTS OUTLINES	TITLE SQUARE PLASTIC CHIP CARRIER FAMILY .050 LEAD PITCH S-PQCC-J	ISSUE A	DATE JUNE 1993	MS-018	SHEET 1 OF 7
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JEDEC SOLID STATE PRODUCTS OUTLINES	TITLE SQUARE PLASTIC CHIP CARRIER FAMILY .050 LEAD PITCH S-PQCC-J	ISSUE A	DATE JUNE 1993	MS-018	SHEET 2 OF 7
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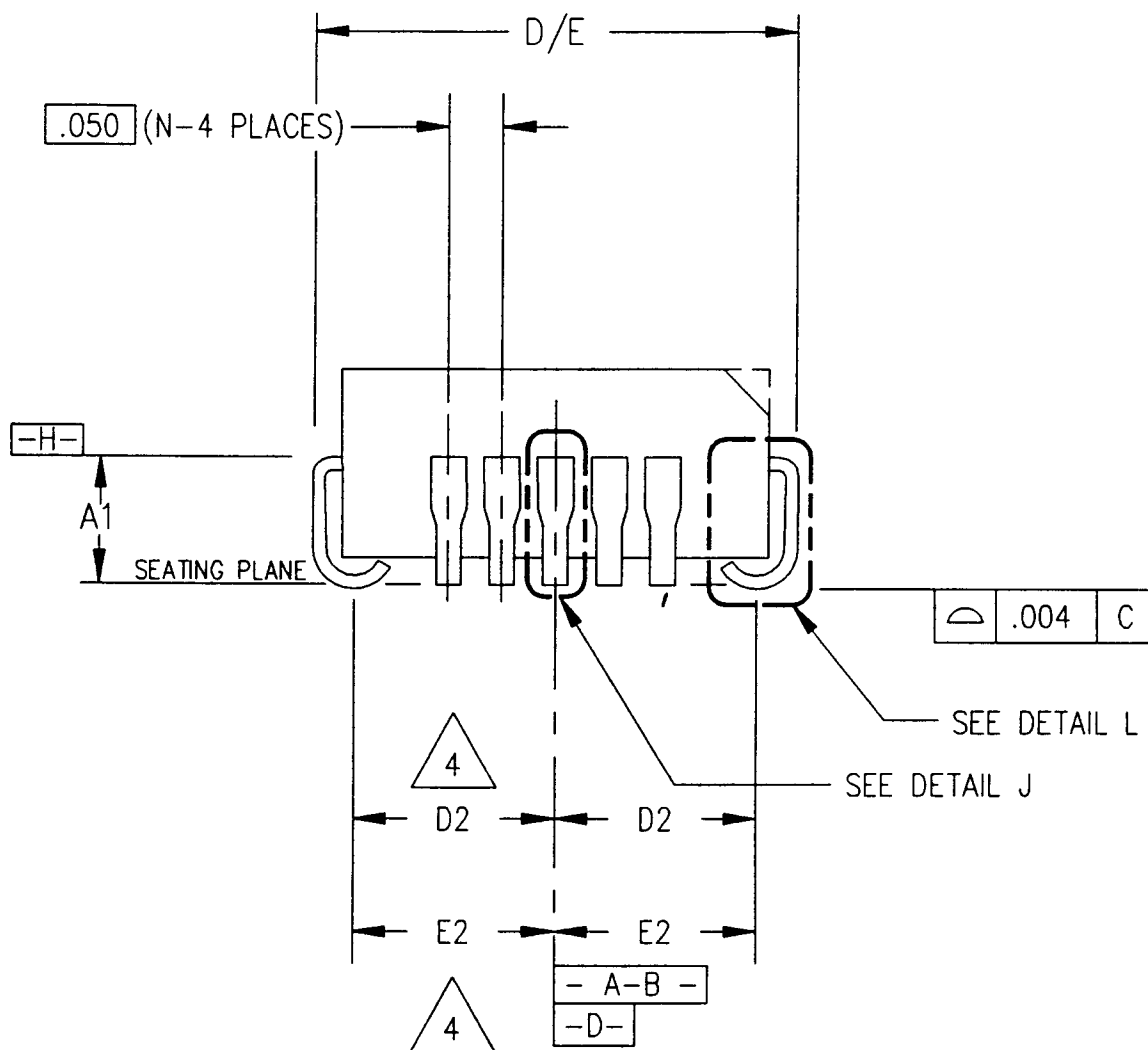


FIGURE 3
TERMINAL DETAILS

JEDEC SOLID STATE PRODUCTS OUTLINES	TITLE SQUARE PLASTIC CHIP CARRIER FAMILY .050 LEAD PITCH S-PQCC-J	ISSUE A	DATE JUNE 1993	MS-018	SHEET 3 OF 7
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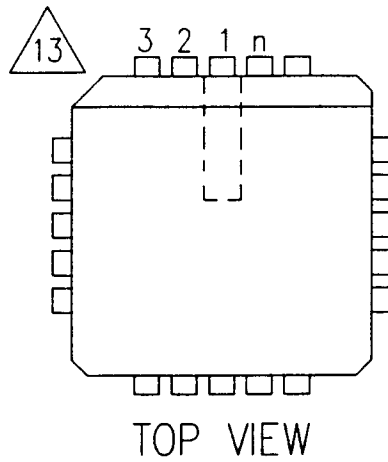
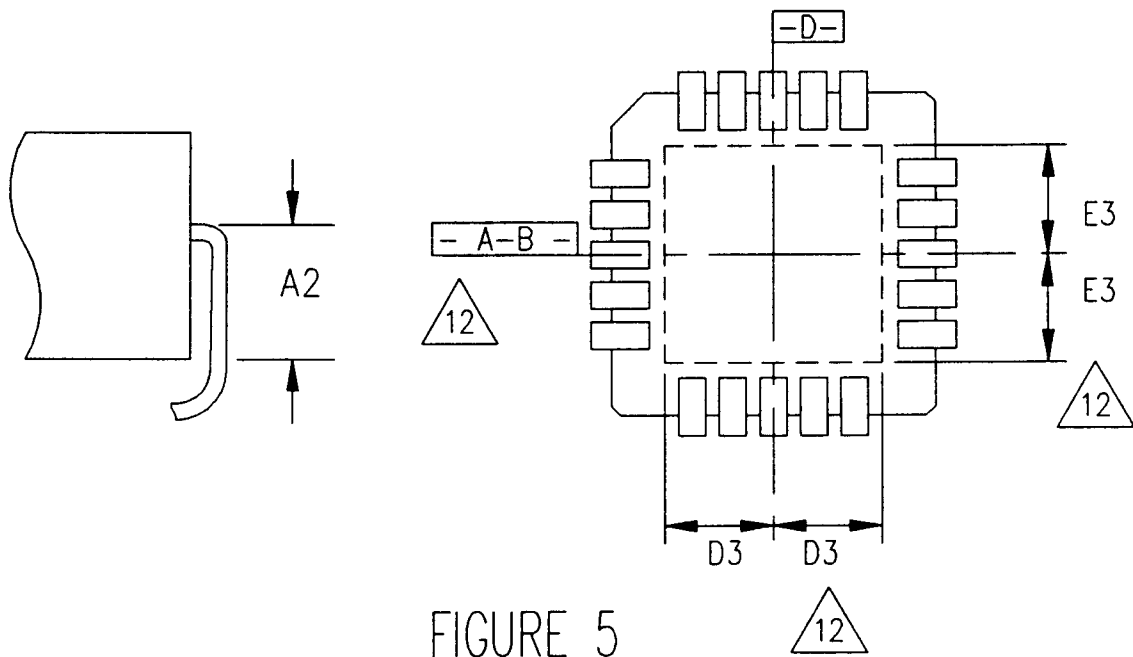
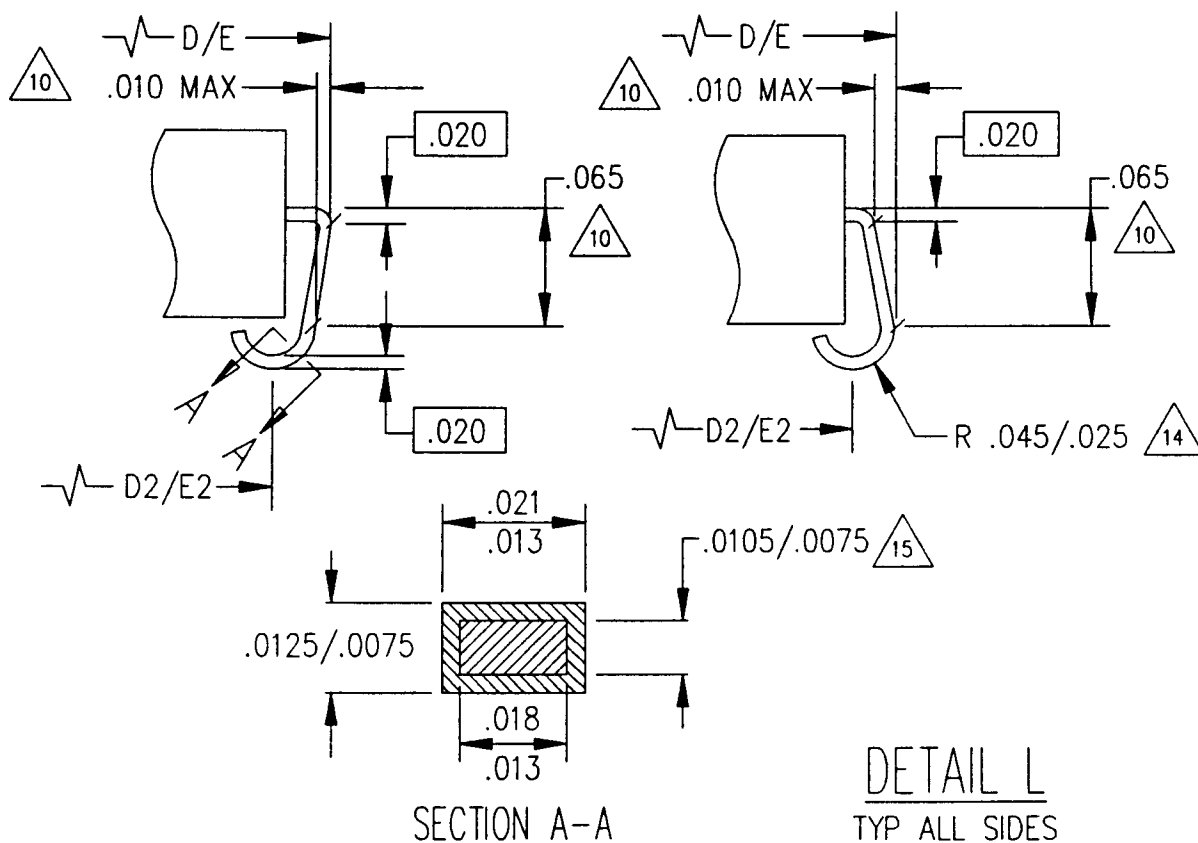
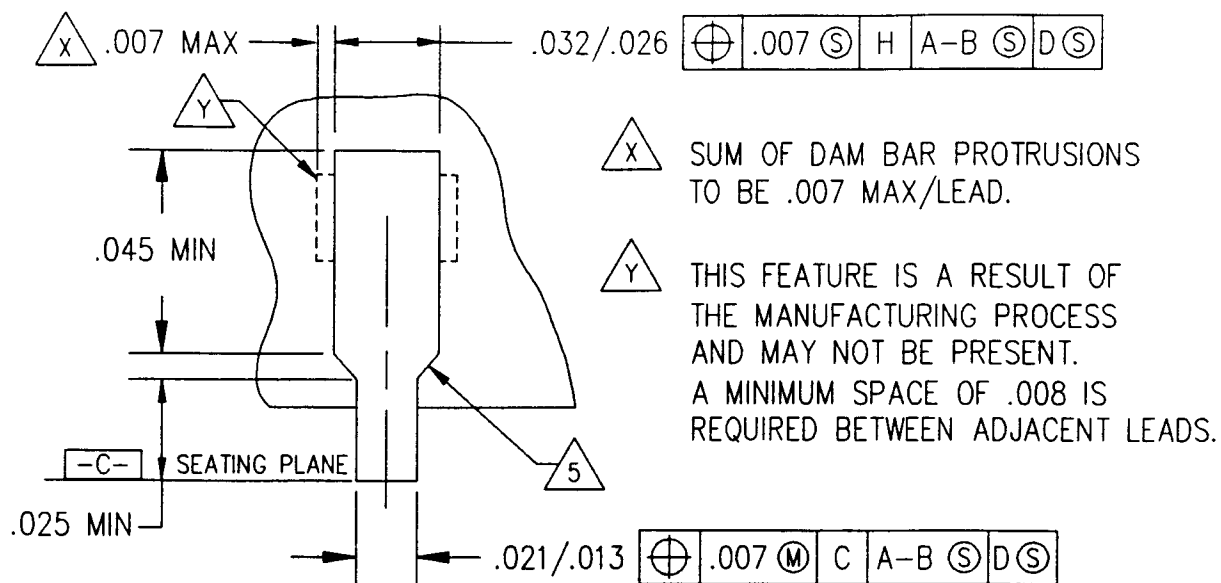


FIGURE 4
PIN NUMBERING



JEDEC SOLID STATE PRODUCTS OUTLINES	TITLE SQUARE PLASTIC CHIP CARRIER FAMILY .050 LEAD PITCH S-PQCC-J	ISSUE A	DATE JUNE 1993	MS-018	SHEET 4 OF 7
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JEDEC
SOLID STATE PRODUCTS
OUTLINES

TITLE SQUARE PLASTIC
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.050 LEAD PITCH
S-PQCC-J

ISSUE
A

DATE
JUNE
1993

MS-018

SHEET
5 OF 7

S Y M B O L S	VARIATIONS ALL DIMENSIONS IN INCHES											
	AA			AB			AC			AD		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	.165	.172	.180	.165	.172	.180	.165	.172	.180	.165	.172	.180
A1	.090	.105	.120	.090	.105	.120	.090	.105	.120	.090	.105	.120
A2	.062	-	.083	.062	-	.083	.062	-	.083	.062	-	.083
D	.385	.390	.395	.485	.490	.495	.685	.690	.695	.785	.790	.795
D1	.350	.353	.356	.450	.453	.456	.650	.653	.656	.750	.753	.756
D2	.141	.155	.169	.191	.205	.219	.291	.305	.319	.341	.355	.369
D3	-	.075	-	-	.125	-	-	.225	-	-	.275	-
E	.385	.390	.395	.485	.490	.495	.685	.690	.695	.785	.790	.795
E1	.350	.353	.356	.450	.453	.456	.650	.653	.656	.750	.753	.756
E2	.141	.155	.169	.191	.205	.219	.291	.305	.319	.341	.355	.369
E3	-	.075	-	-	.125	-	-	.225	-	-	.275	-
N	-	20	-	-	28	-	-	44	-	-	52	-
NOTE	1, 11											
REF	11-252S											
ISS	A											
S Y M B O L S	VARIATIONS ALL DIMENSIONS IN INCHES											
	AE			AF			AG					
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.			
A	.165	.172	.180	.165	.172	.180	.165	.172	.180			
A1	.090	.105	.120	.090	.105	.120	.090	.105	.120			
A2	.062	-	.083	.059	-	.080	.059	-	.080			
D	.985	.990	.995	1.185	1.190	1.195	1.385	1.390	1.395			
D1	.950	.954	.958	1.150	1.154	1.158	1.350	1.354	1.358			
D2	.441	.455	.469	.541	.555	.569	.641	.655	.669			
D3	-	.375	-	-	.475	-	-	.575	-			
E	.985	.990	.995	1.185	1.190	1.195	1.385	1.390	1.395			
E1	.950	.954	.958	1.150	1.154	1.158	1.350	1.354	1.358			
E2	.441	.455	.469	.541	.555	.569	.641	.655	.669			
E3	-	.375	-	-	.475	-	-	.575	-			
N	-	68	-	-	84	-	-	100	-			
NOTE	1, 11											
REF	11-252S											
ISS	A											
JEDEC SOLID STATE PRODUCTS OUTLINES				TITLE SQUARE PLASTIC CHIP CARRIER FAMILY .050 LEAD PITCH S-PQCC-J				ISSUE A	DATE JUNE 1993	MS-018		SHEET 6 OF 7

NOTES

- 1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982.
- 2 DATUM PLANE -H- LOCATED AT TOP OF MOLD PARTING LINE AND COINCIDENT WITH TOP OF LEAD WHERE LEAD EXITS PLASTIC BODY.
- 3 DATUMS A-B AND -D- TO BE DETERMINED WHERE CENTER LEADS EXIT PLASTIC BODY AT DATUM PLANE -H-.
- 4 TO BE MEASURED AT SEATING PLANE -C- CONTACT POINT.
- 5 SHAPE OF TRANSITION IS OPTIONAL.
- 6 PLASTIC BODY DETAILS BETWEEN LEADS ARE OPTIONAL.
- 7 DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS .010 PER SIDE. DIMENSIONS D1 AND E1 INCLUDE MOLD MISMATCH AND ARE DETERMINED AT THE PARTING LINE; THAT IS D1 AND E1 ARE MEASURED AT THE EXTREME MATERIAL CONDITION AT THE UPPER OR LOWER PARTING LINE.
- 8 PIN 1 IDENTIFIER MUST BE LOCATED WITHIN THE ZONE INDICATED. DETAILS OF THE IDENTIFIER ARE OPTIONAL.
- 9 EXACT SHAPE OF THIS FEATURE IS OPTIONAL.
- 10 THESE TWO DIMENSIONS DETERMINE MAXIMUM ANGLE OF THE LEAD FOR CERTAIN SOCKET APPLICATIONS. IF UNIT IS INTENDED TO BE SOCKETED, IT IS ADVISABLE TO REVIEW THESE DIMENSIONS WITH THE SOCKET SUPPLIER.
- 11 ALL DIMENSIONS IN INCHES.
- 12 TOP POINT OF MEASUREMENT IS DATUM -H-; BOTTOM POINT OF MEASUREMENT IS AT MAJOR FLAT AREA OF LOWER PLASTIC SURFACE (SOCKET SEATING PLANE) DEFINED BY D3/E3.
- 13 PIN NUMBERS ARE FOR REFERENCE ONLY.
- 14 DIMENSION R REQUIRED FOR 120° MINIMUM BEND.
- 15 DIMENSION APPLIES TO BASE METAL ONLY.

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