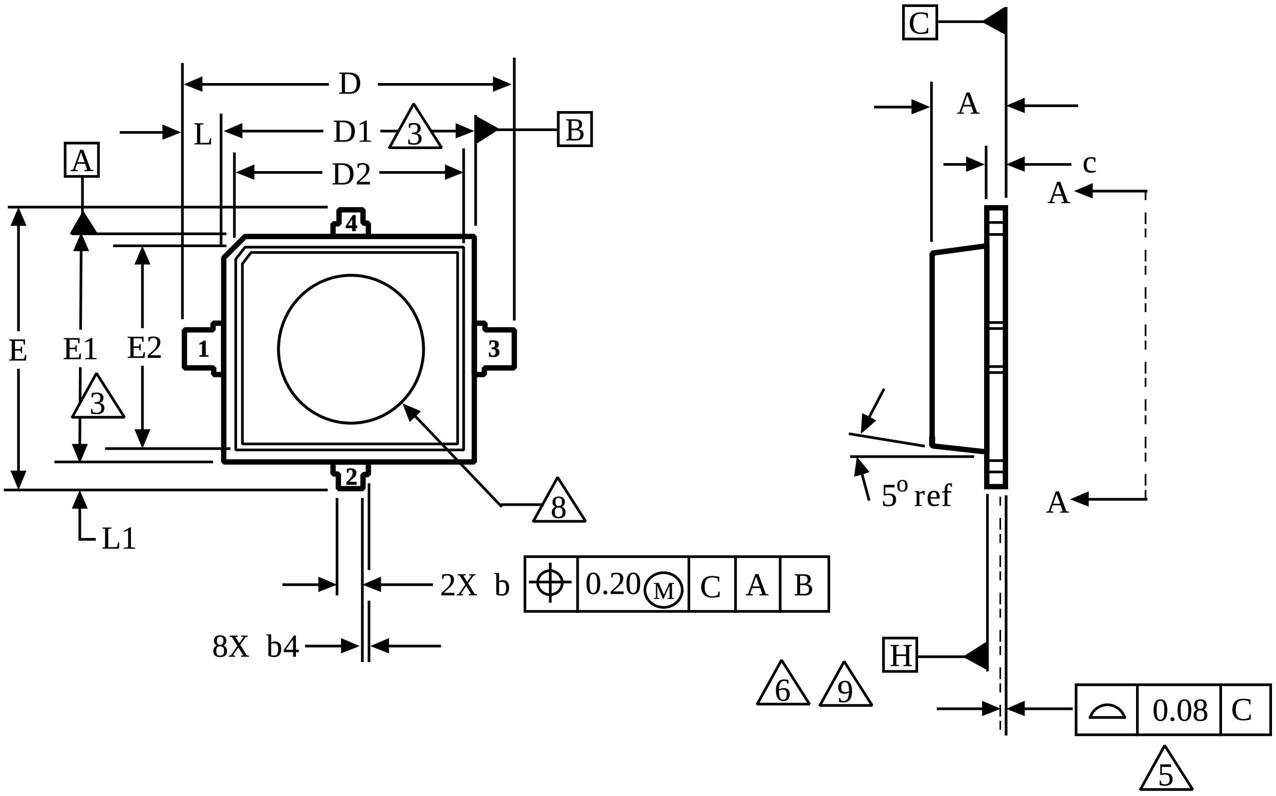
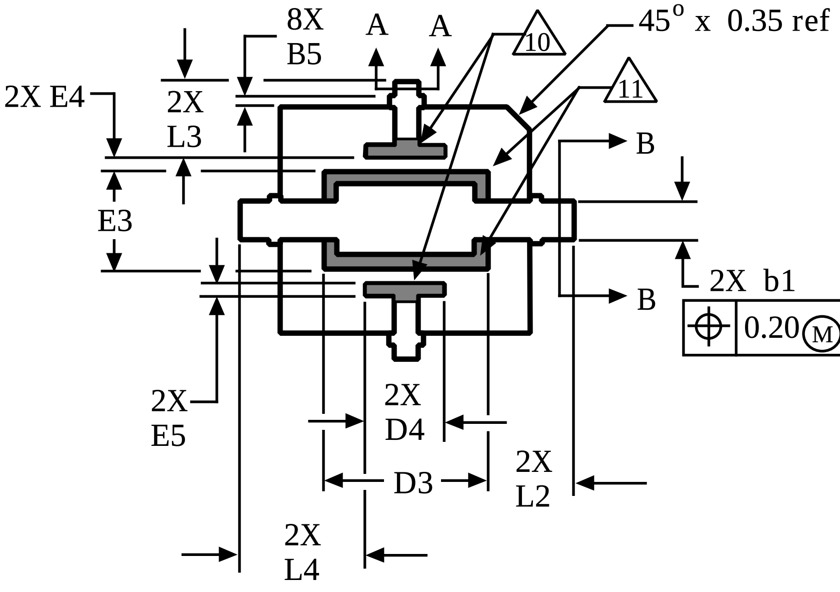
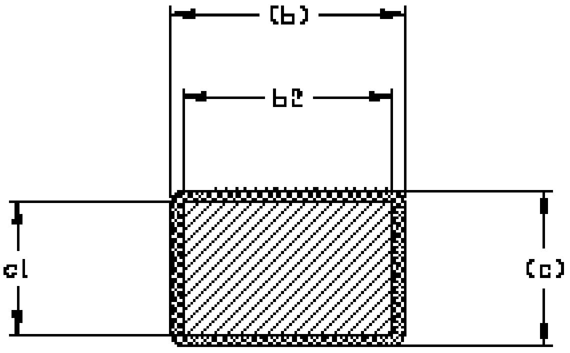




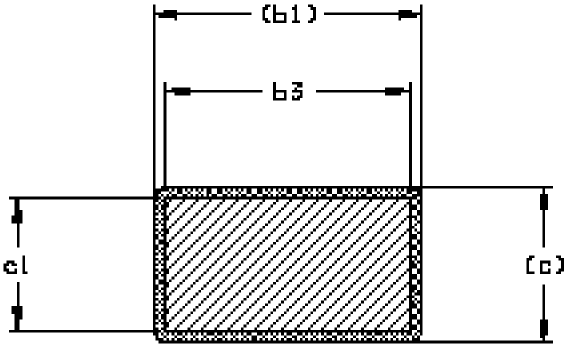
VIEW A - A

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: Quad Flat Pack Surface Mount Thermally Enhanced Pkg	JESD-30 DESIGNATOR **R-PQFP**	**ISSUE** **A**	**DATE:** **05 - 98**	**TO-271**	**SHEET** **1** **OF** **3**



SECTION A-A

4 7



SECTION B-B

4 7

JEDEC *SOLID STATE PRODUCT* *OUTLINES*	**TITLE:** **R-PQFP** Quad Flat Pack Surface Mount Thermally Enhanced Pkg	**ISSUE** **A**	**DATE:** **05 - 98**	**TO-271**	**SHEET** **2** **OF** **3**

NOTES:

1. ALL DIMENSIONS IN MILLIMETER.

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

3 DIMENSION "D1" & "E1" DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED 0.15 PER SIDE.

4 DIMENSIONS b2, b3 AND c1 APPLY TO BASE METAL ONLY. DIMENSIONS b & c APPLY TO LEADS WITH FINISH.

5 APPLIES TO METAL SURFACE ONLY.

6 DATUM A & B TO BE DETERMINED AT DATUM PLANE H.

7 SECTION A -A & B - B DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN 0.10 TO 0.25 MILLIMETERS FROM THE LEAD TIP.

8 WRITE PROTECTED AREA, EXACT SIZE AND SHAPE OPTIONAL

9 DIMENSIONS "D2" AND "E2" TO BE DETERMINED AT DATUM PLANE H.

10 RESIN BLEED / FLASH INTRUSION ALLOWED AT TERMINAL BASE,(DEFINED BY SHADED AREA,) SHALL NOT EXCEED 0.45 MILLIMETERS. (per side)

11 RESIN BLEED / FLASH INTRUSION ALLOWED IN AREA DEFINED BY SHADED AREA, SHALL NOT EXCEED 0.25 MILLIMETERS. (per side)

	VARIATIONS			
	AA			
SYMBOL	**MIN**	**NOM**	**MAX**	**NOTES**
A	1.45	1.55	1.65	
b	0.40	-----	0.60	4,7
b1	0.70	-----	0.85	4,7
b2	0.40	0.47	0.55	4,7
b3	0.70	0.75	0.80	4,7
b4	0.00	0.10	0.20	
b5	0.10	0.25	0.40	
c	0.35	-----	0.45	4,7
c1	0.35	0.38	0.42	4,7
D	6.40	6.55	6.70	
D1	4.70	4.85	4.95	3
D2	4.80 REF			9
D3	3.30	3.45	3.60	11
D4	1.65	1.75	1.90	10
E	5.60	5.75	5.85	
E1	4.45	4.60	4.70	3
E2	4.60 REF			9
E3	1.80	1.85	1.95	11
E4	0.40	0.50	0.60	
E5	0.40	0.50	0.60	10
L	0.75	0.90	1.00	
L1	0.45	0.55	0.65	
L2	1.40	1.55	1.70	
L3	1.25	1.35	1.50	
L4	2.25	2.35	2.50	
NOTE	1, 2, 7			
REF.	11.10-370			
ISSUE	A			

JEDEC SOLID STATE PRODUCT OUTLINES	TITLE: R-PQFP Quad Flat Pack Surface Mount Thermally Enhanced Package	ISSUE **A**	DATE **05 - 98**	**TO -271**	SHEET 3 OF 3