

JEDEC  
SOLID STATE  
PRODUCT OUTLINE

THIS REGISTERED OUTLINE HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND APPROVED BY THE JEDEC COUNCIL AND REFLECTS A PRODUCT WITH WIDE ACCEPTANCE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

TITLE

FLANGE MOUNTED  
HEADER FAMILY

PACKAGE DESIGNATOR

R-PSIP-F3

ISSUE

E

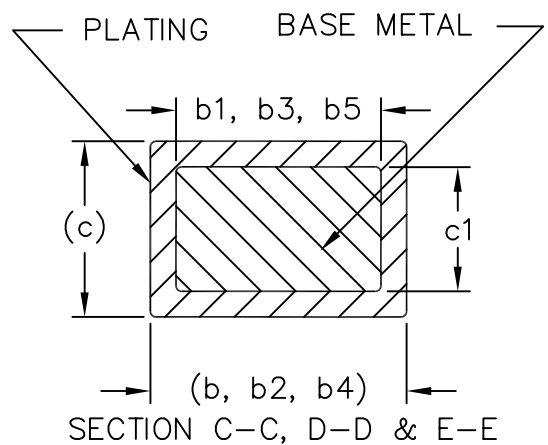
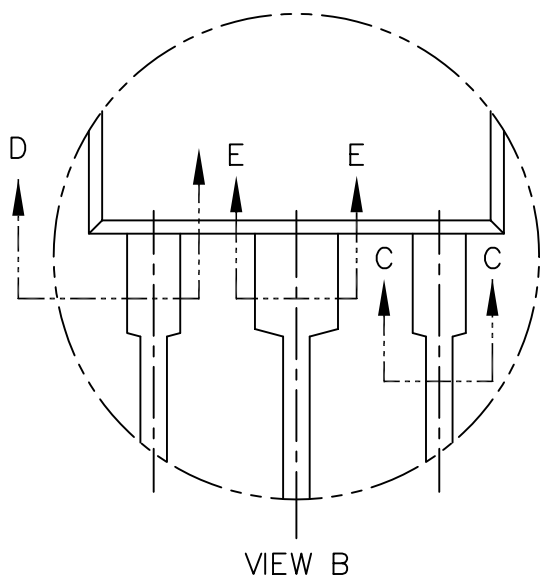
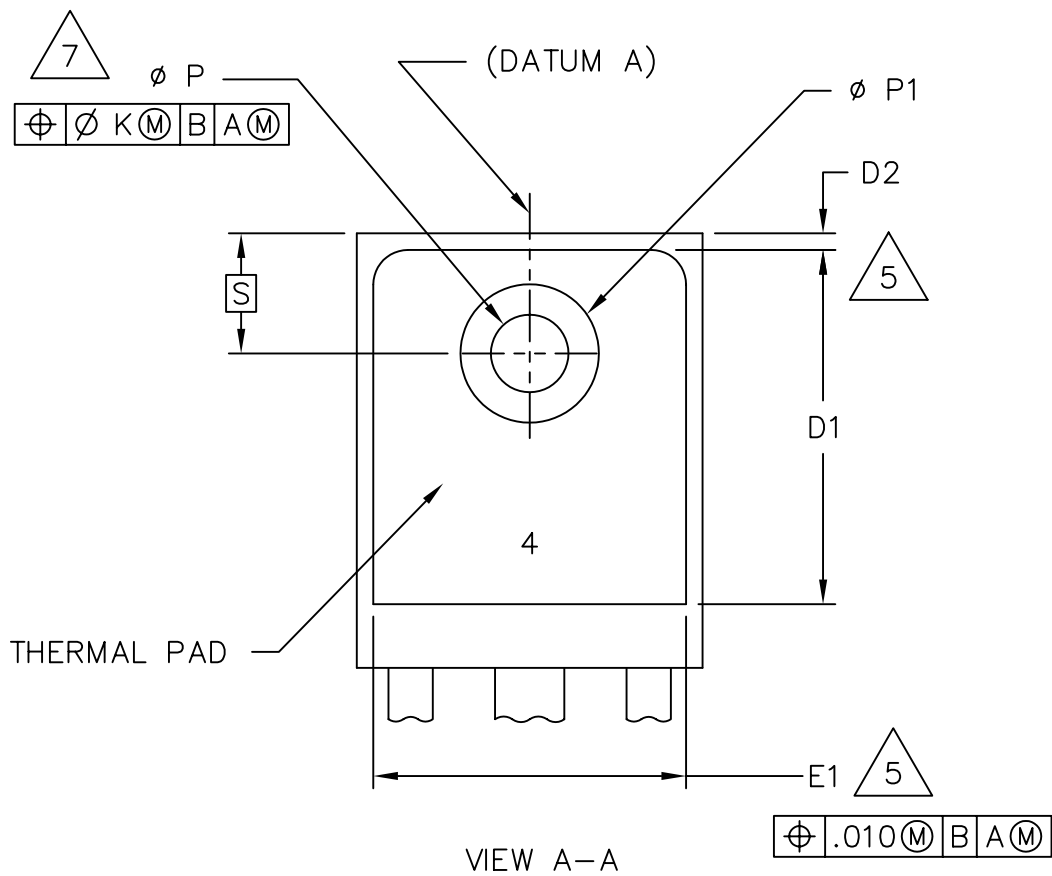
DATE

6/04

TO-247

SHEET

1 OF 6



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VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)												
SYMBOL	AA			NOTES	AB			NOTES	AC			NOTES
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	.185	—	.209		.175	—	.185		.183	—	.209	
A1	.087	—	.102		.090	—	.115		.087	—	.102	
A2	.059	—	.098		.054	—	.064		.059	—	.098	
D	.776	—	.799	4	.800	—	.820	4	.776	—	.815	4
E	.602	—	.625	4	.610	—	.625	4	.602	—	.625	4
E2	.178	—	.216	3	.135	—	.145	3	.178	—	.216	3
e	.215 BSC				.219 BSC				.215 BSC			
øK	.010				.010				.010			
L	.559	—	.582		.625	—	.635		.559	—	.634	
L1	.146	—	.169	6	.137	—	.147	6	.146	—	.169	6
øP	.118	—	.133	7	.126	—	.135	7	.140	—	.144	7
Q	.209	—	.224		.292	—	.302		.224	—	.229	
S	.217 BSC				.215 BSC				.217 BSC			
NOTES	1,2				1,2				1,2			
REF	10–425				10–124/425				10–127/425			
ISSUE	E				E				E			
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VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)									
SYMBOL	AD			NOTES	AE			NOTES	
	MIN	NOM	MAX		MIN	NOM	MAX		
A	.185	—	.209		.185	—	.209		
A1	.087	—	.102		.098	—	.115		
A2	.059	—	.098		.066	—	.079		
D	.819	—	.845	4	.803	—	.823	4	
E	.610	—	.640	4	.606	—	.630	4	
E2	.170	—	.216	3	.129	—	.150	3	
e	.215 BSC				.215 BSC				
øK	.025				.010				
L	.780	—	.800		.610	—	.634		
L1	—	—	.177	6	.122	—	.134	6	
øP	.140	—	.144	7	.137	—	.146	7	
Q	.212	—	.244		.283	—	.296		
S	.242 BSC				.209 BSC				

COMMON DIMENSIONS ALL VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)

SYMBOL	DIMENSIONS			NOTES					
	MIN	NOM	MAX						
b	.039	—	.055						
b1	.039	—	.053						
b2	.065	—	.094	6					
b3	.065	—	.092						
b4	.102	—	.135	6					
b5	.102	—	.133						
c	.015	—	.035	6					
c1	.015	—	.033						
D1	.515	—	—	5					
D2	.020	—	.053						
E1	.530	—	—	5					
ØP1	—	—	.291						
N	3								
NOTES	1,2								
REF	10–425								
ISSUE	E								
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NOTES:

1. DIMENSIONING & TOLERANCING PER ASME Y14.5M 1994.
2. DIMENSIONS ARE IN INCHES.



SLOT REQUIRED, NOTCH MAY BE ROUNDED.



DIMENSION D & E DO NOT INCLUDE MOLD FLASH. MOLD FLASH SHALL NOT EXCEED .005 INCH PER SIDE. THESE DIMENSIONS ARE MEASURED AT THE OUTERMOST EXTREME OF THE PLASTIC BODY.



THERMAL PAD CONTOUR OPTIONAL WITHIN DIMENSIONS D1 & E1.



LEAD FINISH UNCONTROLLED IN L1.



Ø P TO HAVE A MAXIMUM DRAFT ANGLE OF 1.5° TO THE TOP OF THE PART WITH A MAXIMUM HOLE DIAMETER OF .154 INCH.

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