

REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0159-04	E.T 6/11/04	B.P 6/14/04
A	ECR-06-013536	E.T 6/8/06	V.K 6/8/06

NOTE:

1. MATERIAL:

HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-VO)

2. BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.

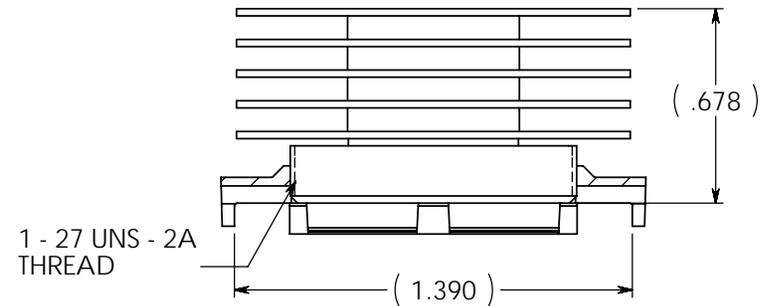
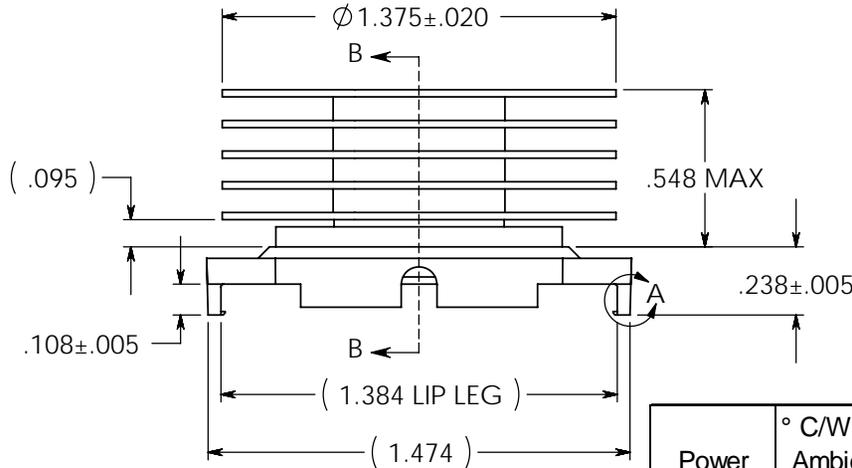
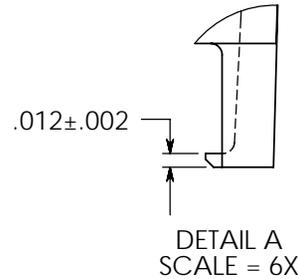
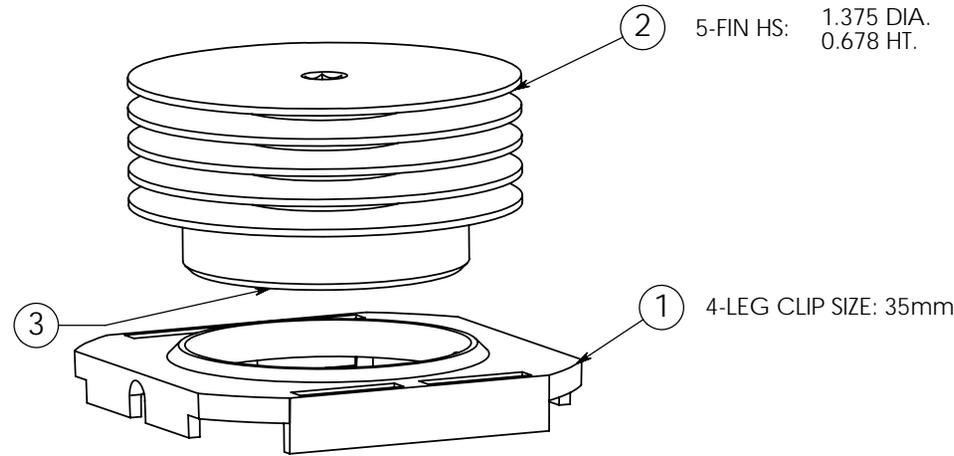
HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

BARE DIE PACKAGE:  
2.0 INCH - LB TORQUE = 8.1 LBS FORCE  
2.5 INCH - LB TORQUE = 10.1 LBS FORCE

FULL SIZE LID PACKAGE:  
2.0 INCH - LB TORQUE = 6.9 LBS FORCE  
2.5 INCH - LB TORQUE = 8.7 LBS FORCE

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1

4. RoHS COMPLIANT AND CERTIFIED.



Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	9.92	4.38	2.79	2.45
10 Watts	9.14	4.47	2.96	2.14
15 Watts	8.54	4.33	2.90	2.15

**CUSTOMER DRAWING**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

**tyco** / Electronics    Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:  
.XX ±  
.XXX ±  
.XXX ±  
ANGLES ± °

DO NOT SCALE

DRAWN BY: E.TAO	DATE: 6/11/04	MATERIAL: SEE NOTE
ENGINEER: B.PETROCELLI	DATE: 6/14/04	FINISH: SEE NOTE
FILENAME	PROJECT	SYSTEM

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TITLE: **35mm HEATSINK ASSEMBLY (HTS678-U)**

DIMENSIONS ARE IN: INCHES	SCALE: 1.5:1	PART NO: <b>8-1542003-8</b>	SHEET: 1 OF 1
THIRD ANGLE PROJECTION	SIZE: <b>A</b>	DWG. NO. <b>C-8-1542003-8</b>	REV: <b>A</b>