

# REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0121-04	E.T 05/10/04	B.P 5/12/04
A	ECR-06-003841	E.T 2/15/06	C.W 2/15/06

## 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:

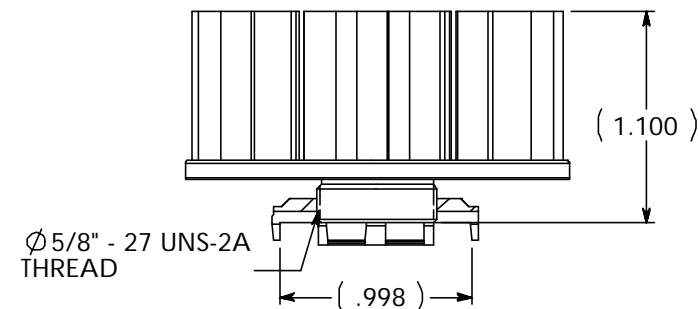
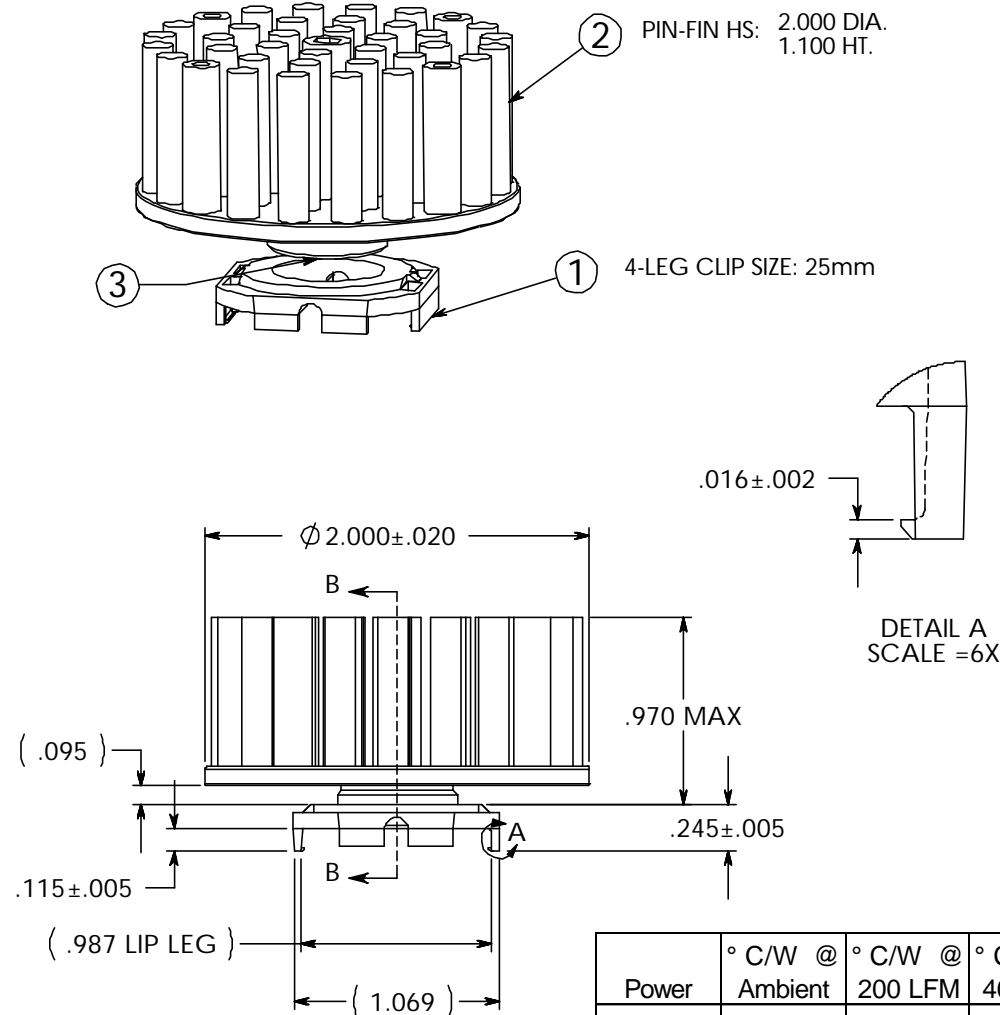
1.5 INCH - LB TORQUE = 8.5 LBS FORCE  
2.0 INCH - LB TORQUE =11.4 LBS FORCE

#### FULL SIZE LID PACKAGE:

1.5 INCH - LB TORQUE = 8.3 LBS FORCE  
2.0 INCH - LB TORQUE = 11.1 LBS FORCE

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

### 4. RoHS COMPLIANT AND CERTIFIED.



SECTION B-B

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	7.28	3.35	2.55	2.25
10 Watts	6.37	3.22	2.42	2.13
15 Watts	6.00	3.18	2.38	2.09

## CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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

DO NOT SCALE

**tyco** / Electronics  
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:  
.XX ± .  
.XXX ± .  
.XXXX ± .  
ANGLES ± °

ENGINEER:	DATE	MATERIAL:
E.TAO	05/10/04	SEE NOTE
ENGINEER:	DATE	FINISH:
B.PETROCELLI	5/12/04	SEE NOTE
FILENAME	PROJECT	SYSTEM

ATTLEBORO FALLS MASSACHUSETTS 02763
-------------------------------------

CONFIDENTIAL PROPERTY OF TYCO ELECTRONICS. NOT TO BE DISCLOSED TO OTHERS. REPRODUCED OR USED FOR ANY PURPOSES EXCEPT AS AUTHORIZED IN WRITING BY AN AUTHORIZED OFFICIAL OF TYCO. MUST BE RETURNED TO TYCO ON DEMAND, ON COMPLETION OF ORDERS OR OTHER PURPOSES FOR WHICH LENT.
DIMENSIONS ARE IN: INCHES
SCALE: 1:1
SIZE: A
THIRD ANGLE PROJECTION

TITLE: 25mm PIN FIN HS ASS'Y (HTS273NF-U)
PART NO: 2-1542001-9
DWG. NO. C-2-1542001-9
SHEET: 1 OF 1
REV: A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-1542001-9](#)