

# 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:

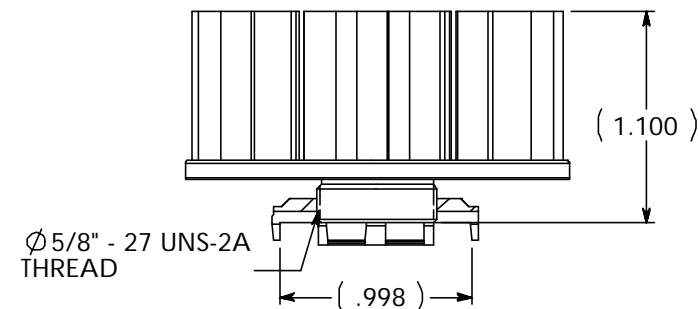
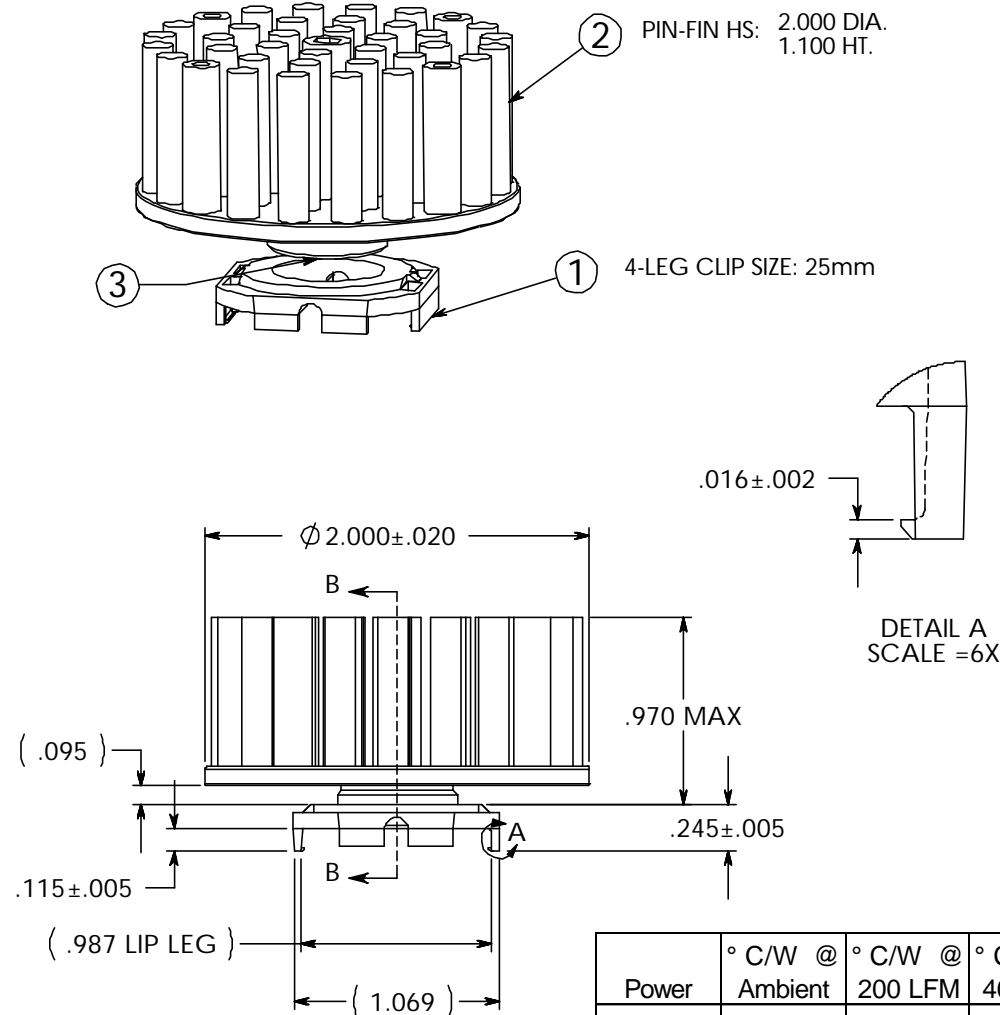
1.5 INCH - LB TORQUE = 8.5 LBS FORCE  
2.0 INCH - LB TORQUE =11.4 LBS FORCE

#### 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 ± °

DRAWN BY:  
E.TAO

DATE  
05/10/04

ENGINEER:  
B.PETROCELLI

DATE  
5/12/04

FILENAME

PROJECT

MATERIAL:  
SEE NOTE

FINISH:  
SEE NOTE

SYSTEM

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DIMENSIONS ARE IN:  
INCHES  
THIRD ANGLE PROJECTION

SCALE:  
1:1  
SIZE:  
A

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**