

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
A	ECR-06-005199	E.T 3/2/06	C.W 3/2/06

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:

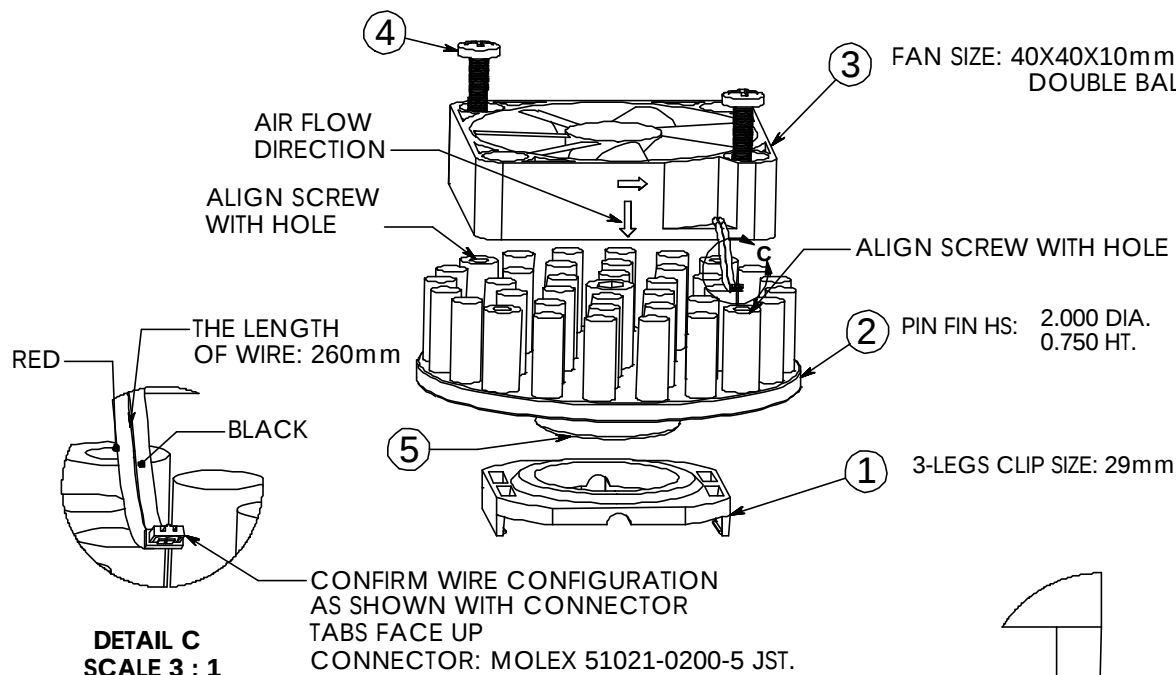
1.5 INCH - LB TORQUE = 7.5 LBS FORCE
2.0 INCH - LB TORQUE =10 LBS FORCE

FULL SIZE LID PACKAGE:

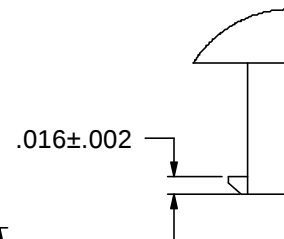
1.5 INCH - LB TORQUE = 6.9 LBS FORCE
2.0 INCH - LB TORQUE = 9.3 LBS FORCE

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

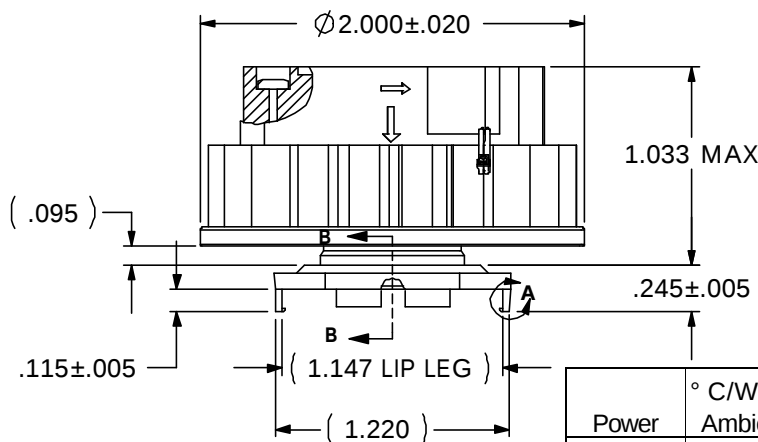
4. RoHS COMPLIANT AND CERTIFIED.



DETAIL C
SCALE 3 : 1



DETAIL A
SCALE 6 : 1



Ø 3/4" - 27 UNS -2A
THREAD

SECTION B-B

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM	WITH FAN
5 Watts	7.66	4.20	3.15	2.50	1.77
10 Watts	6.97	4.01	2.99	2.35	1.71
15 Watts	6.51	3.9	2.95	2.28	1.69

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	FAN	1
4	SCREW	2
5	INTERFACE	1

DO NOT SCALE

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

2.55 2.26

Electronics Attleboro Falls

DRAWN BY:		DATE	
E.TAO		3/2/06	
ENGINEER:		DATE	
C. WANG		3/2/06	
FILENAME	PROJECT	SYSTEM	

MATERIAL: SEE NOTE
FINISH: SEE NOTE

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DIMENSIONS ARE IN: INCHES		SCALE: 1:1
THIRD ANGLE 		SIZE: A

TITLE: 29mm PIN FIN HEATSINK ASSEMBLY
SHEET: 1 OF 1
REV: A

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-1542008-3](#)