

REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0252-04	E.T 11/2/04	B.P 11/2/04
A	ECR-06-025921	E.T 11/6/06	V.K 11/8/06

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 POUND-FORCE INCH TORQUE = 8.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 36.03 NEWTON)

2.5 POUND-FORCE INCH TORQUE = 10.1 POUND-FORCE
(0.28 NEWTON METER TORQUE = 44.93 NEWTON)

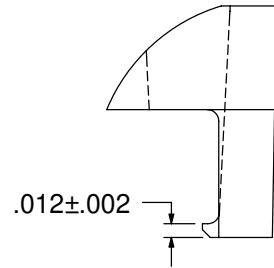
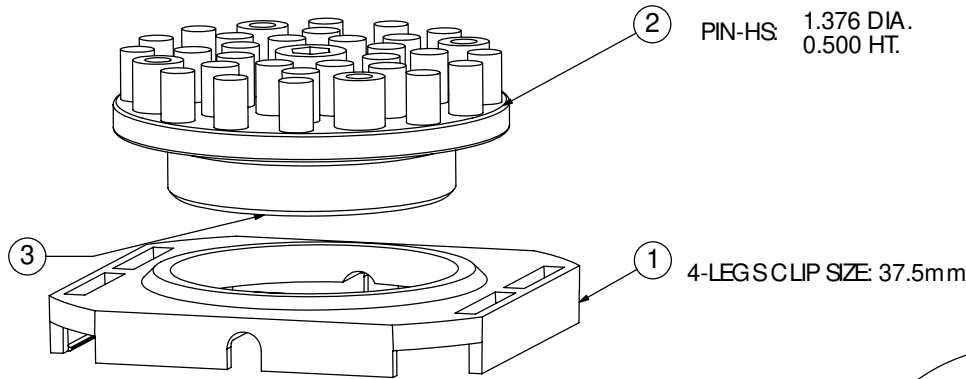
FULL SIZE LID PACKAGE:

2.0 POUND-FORCE INCH TORQUE = 6.9 POUND-FORCE
(0.23 NEWTON METER TORQUE = 30.69 NEWTON)

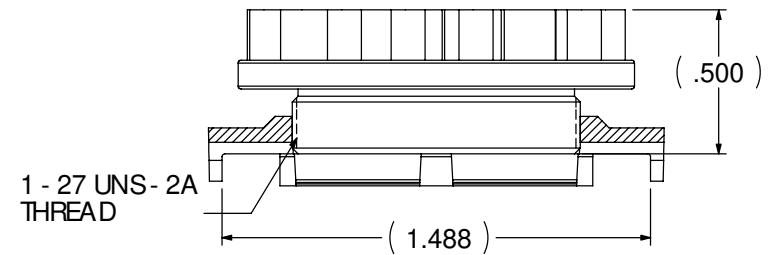
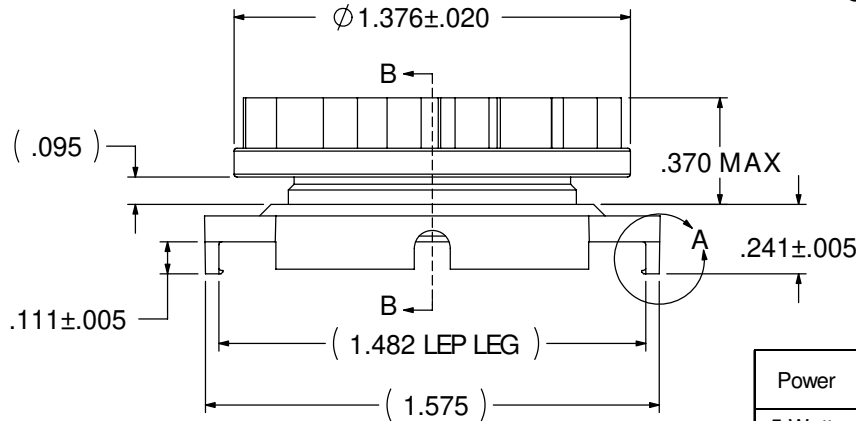
2.5 POUND-FORCE INCH TORQUE = 8.7 POUND-FORCE
(0.28 NEWTON METER TORQUE = 38.70 NEWTON)

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

4. RoHS COMPLIANT AND CERTIFIED.



DETAIL A
SCALE= 6X



SECTION B-B

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	10.22	5.74	4.45	3.20
10 Watts	9.44	5.88	4.59	3.39
15 Watts	8.76	5.82	4.65	3.49

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 Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TO LEFTRANCES ARE:

DRAWN BY: E.TAO	DATE: 11/2/04	MATERIAL: SEE NOTE
ENGINEER: B.PETROCELLI	DATE: 11/2/04	FINISH: SEE NOTE
FILENAME	PROJECT	SYSTEM

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DIMENSIONS ARE IN: INCHES	SCALE: 1.5:1	PART NO: 9-1542006-1
TYPED ANGLE PROJECTION	SIZE: A	DWG. NO. C-9-1542006-1

TITLE: 37.5mm PIN FIN HEATSINK ASSEMBLY (HTS407NF-U)

SHEET: 1 OF 1

REV: A