

REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0239-04	E.T 9/28/04	B.P 10/8/04
A	ECR-06-025652	E.T 11/1/06	V.K 11/1/06

- MATERIAL:
HEAT SINK: ALUM. (BLACK ANODIZE)
CLIP: BLACK PEI (UL94-V0)
- BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.

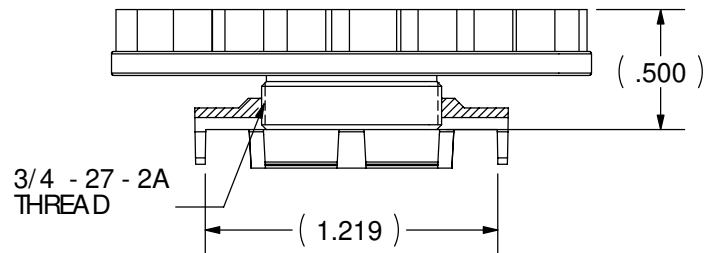
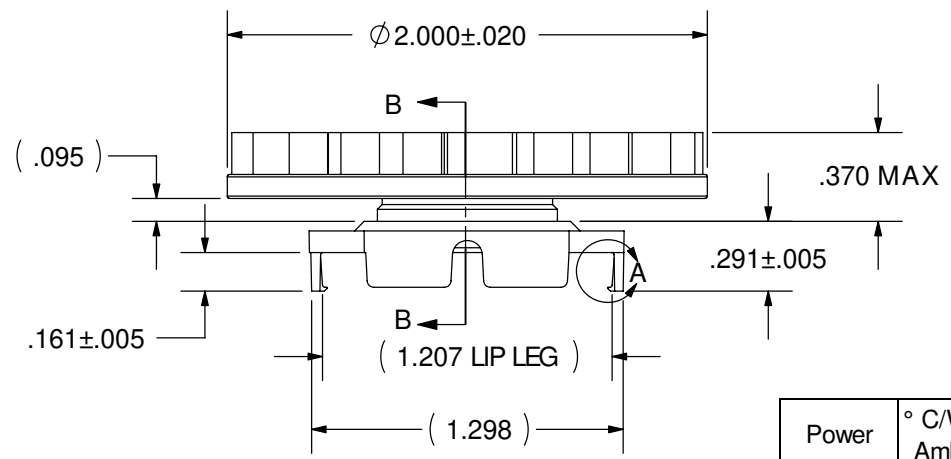
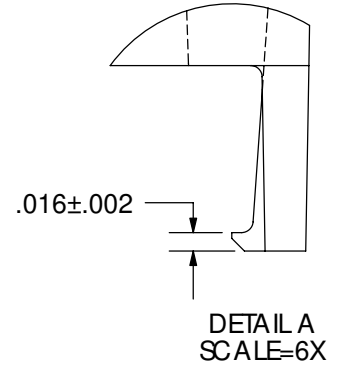
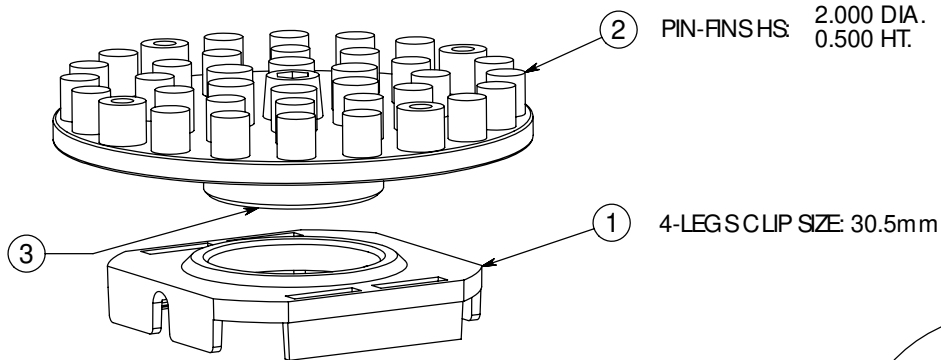
HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

BARE DIE PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 7.5 POUND-FORCE
(0.17 NEWTON TORQUE = 33.36 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 10.0 POUND-FORCE
(0.23 NEWTON METER TORQUE = 44.48 NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 6.9 POUND-FORCE
(0.17 NEWTON TORQUE = 30.69 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 9.3 POUND-FORCE
(0.23 NEWTON METER TORQUE = 41.37 NEWTON)
- REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
- RoHS COMPLIANT AND CERTIFIED.



Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	9.82	5.39	3.90	2.95
10 Watts	8.78	5.18	3.81	2.79
15 Watts	8.10	5.10	3.82	2.78

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 TO LEFANCIES ARE:

DRAWN BY: ETAO DATE: 9/28/04 MATERIAL: SEE NOTE

ENGINEER: B.PETROCELLI DATE: 10/8/04 FINISH: SEE NOTE

FILENAME: PROJECT: SYSTEM:

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TITLE: 30.5mm PIN HEATSINK ASSEMBLY (HTS645NF-D)

DIMENSIONS ARE IN: INCHES SCALE: 1.25:1 PART NO.: 7-1542003-3 SHEET: 1 OF 1

TYPED ANGLE PROJECTION: SIZE: A DWG. NO.: C-7-1542003-3 REV: A

DO NOT SCALE