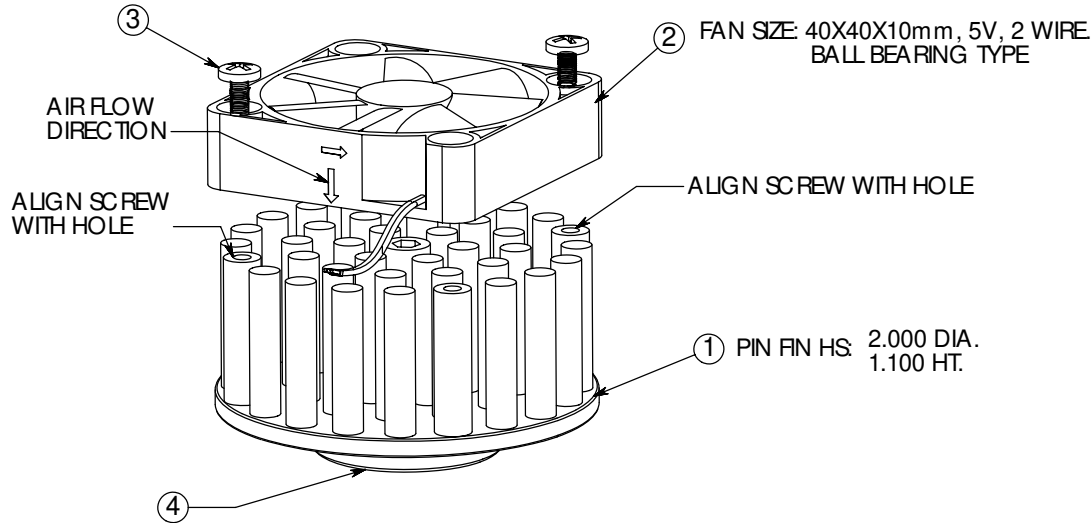


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	ERN #: 111950	E.T 2/17/07	V.K 2/17/07

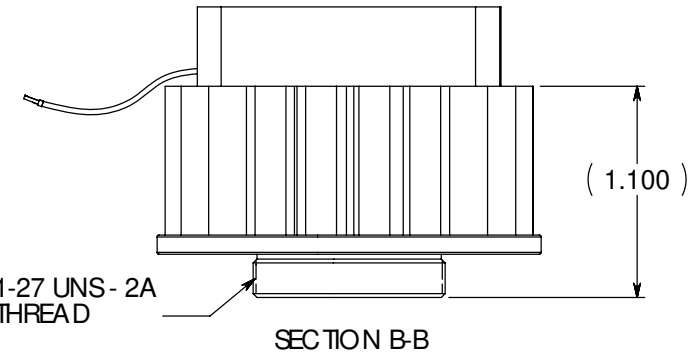
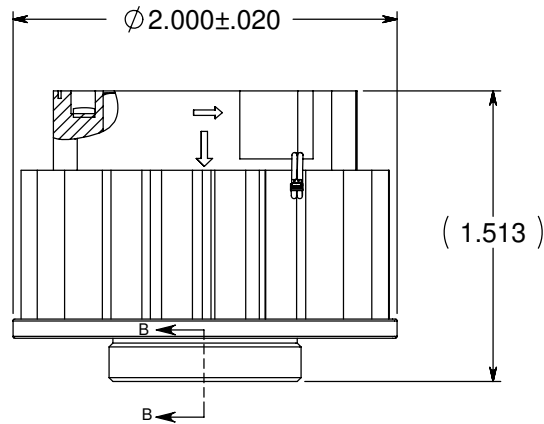


- MATERIAL:
HEAT SINK: ALUM. (BLACK ANODIZE)
CLIP: BLACK PEI (UL94-V0)
- BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.

HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

BARE DIE PACKAGE:
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)
- RoHS COMPLIANT AND CERTIFIED.



Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM	WITH FAN
5 Watts	5.97	2.40	1.75	1.15	1.17
10 Watts	5.41	2.57	1.90	1.38	1.24
15 Watts	5.08	2.62	1.90	1.43	1.21

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	HEAT SINK	1
2	FAN	1
3	SCREWS	2
4	INTERFACE	1

DO NOT SCALE

tyco / Electronics Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TO LEFTRANCES ARE:

DRAWN BY:	ETAO	DATE:	2/16/07
ENGINEER:	V. KHEIL	DATE:	2/16/07
FILENAME:	PROJECT:	SYSTEM:	

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TITLE: **HEAT SINK WITH FAN**

DIMENSIONS ARE IN:	SCALE:	PART NO.:	SHEET:
INCHES	1:1	1963355-1	1 OF 1
TINFD ANGLE PROJECTION	SIZE:	DWG. NO.:	REV.:
	A	C-1963355	A