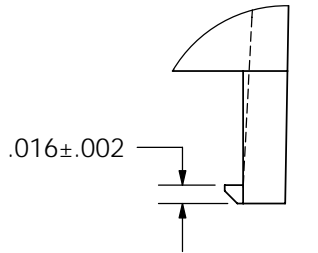
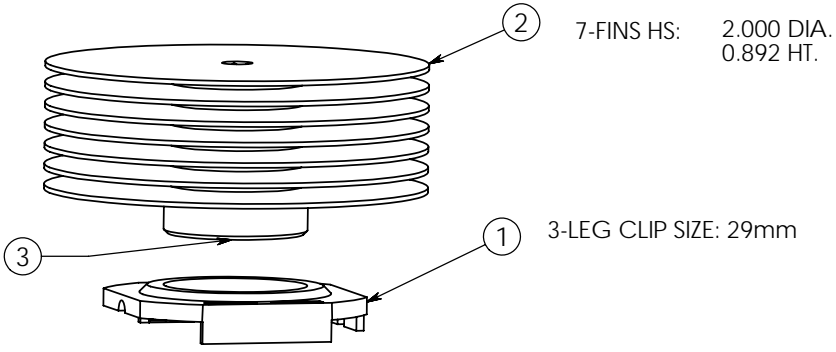


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0055-04	E.T 03/11/04	S.D 03/11/04
A	ECR-06-014978	E.T 6/28/06	V.K 6/30/06



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

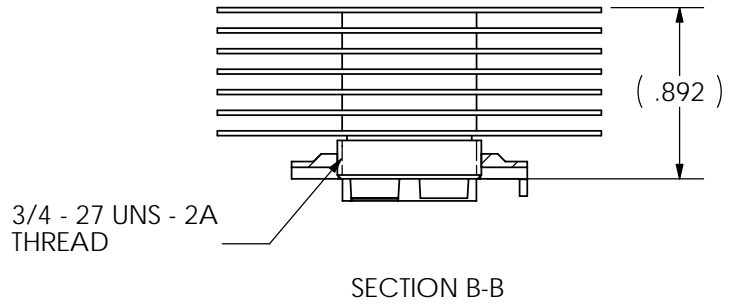
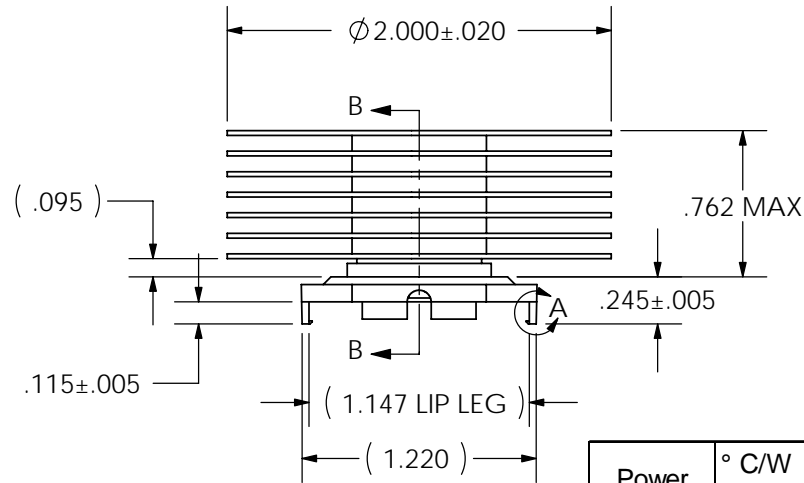
HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

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
20 Watts	----	----	1.56	1.36

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 TOLERANCES ARE:
.XX ±
.XXX ±
.XXXX ±
ANGLES ± *

DRAWN BY: E.TAO DATE: 03/11/04
ENGINEER: S.D DATE: 03/11/04

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE
FINISH: SEE NOTE

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TITLE: **29mm HEATSINK ASSEMBLY**

DIMENSIONS ARE IN: INCHES SCALE: 1:1 PART NO: **5-1542007-9** SHEET: 1 OF 1

SIZE: **A** DWG. NO. **C-5-1542007-9** REV: **A**

THIRD ANGLE PROJECTION