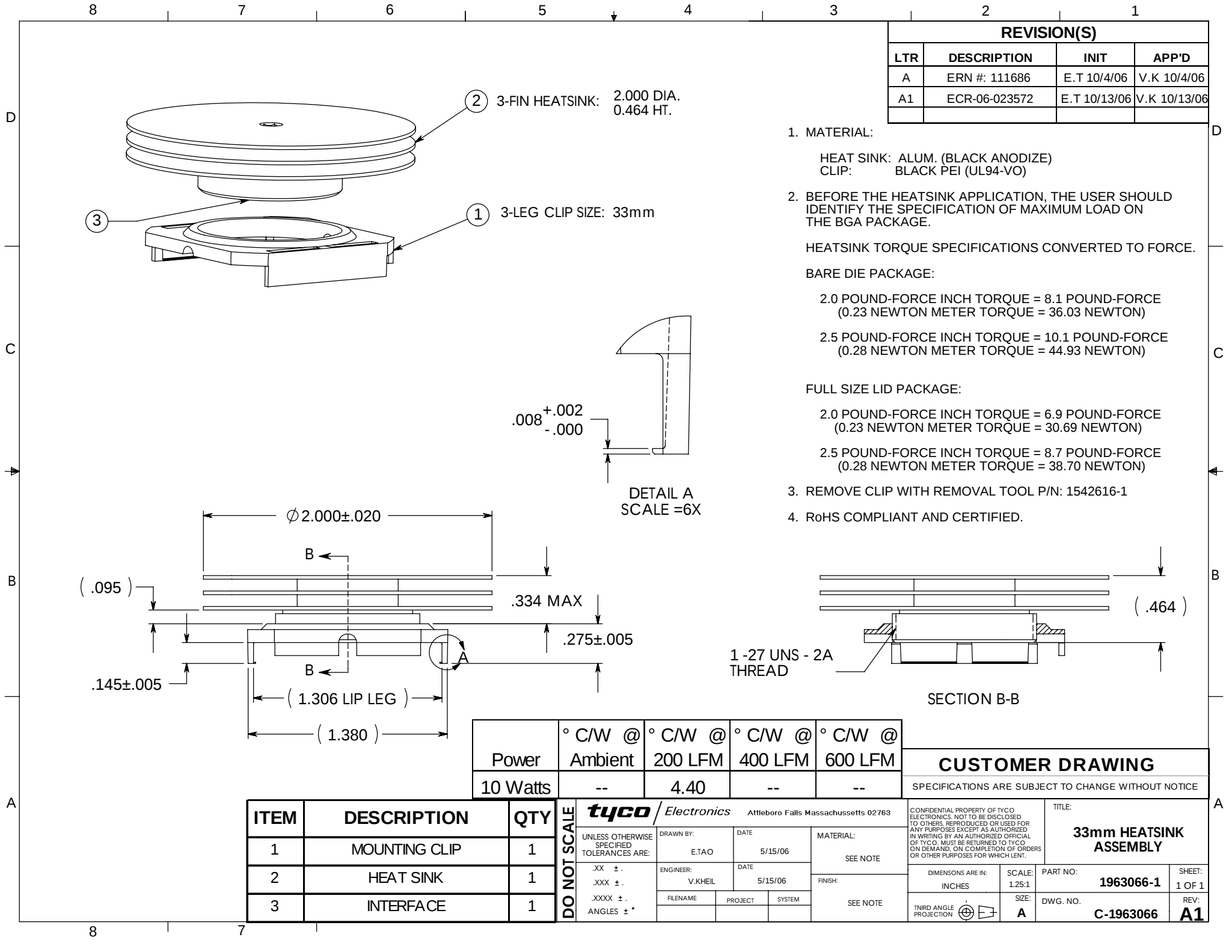




REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	ERN #: 111686	E.T 10/4/06	V.K 10/4/06
A1	ECR-06-023572	E.T 10/13/06	V.K 10/13/06

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.

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
10 Watts	--	4.40	--	--

CUSTOMER DRAWING			
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE			
CONFIDENTIAL PROPERTY OF TYCO ELECTRONICS. NOT TO BE DISCLOSED TO OTHERS. REPRODUCED OR USED FOR ANY PURPOSES EXCEPT AS AUTHORIZED IN WRITING BY AN AUTHORIZED OFFICIAL OF TYCO. MUST BE RETURNED TO TYCO ON DEMAND, ON COMPLETION OF ORDERS OR OTHER PURPOSES FOR WHICH LENT.		TITLE: 33mm HEATSINK ASSEMBLY	
DIMENSIONS ARE IN: INCHES	SCALE: 1.25:1	PART NO: 1963066-1	SHEET: 1 OF 1
THIRD ANGLE PROJECTION	SIZE: A	DWG. NO. C-1963066	REV: A1

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 TOLERANCES ARE:		DRAWN BY: E.TAO	
	.XX ± .		DATE 5/15/06	
	.XXX ± .		ENGINEER: V.KHEIL	
	.XXXX ± .		DATE 5/15/06	
ANGLES ± °		FILENAME	PROJECT	SYSTEM
		MATERIAL: SEE NOTE		
		FINISH: SEE NOTE		