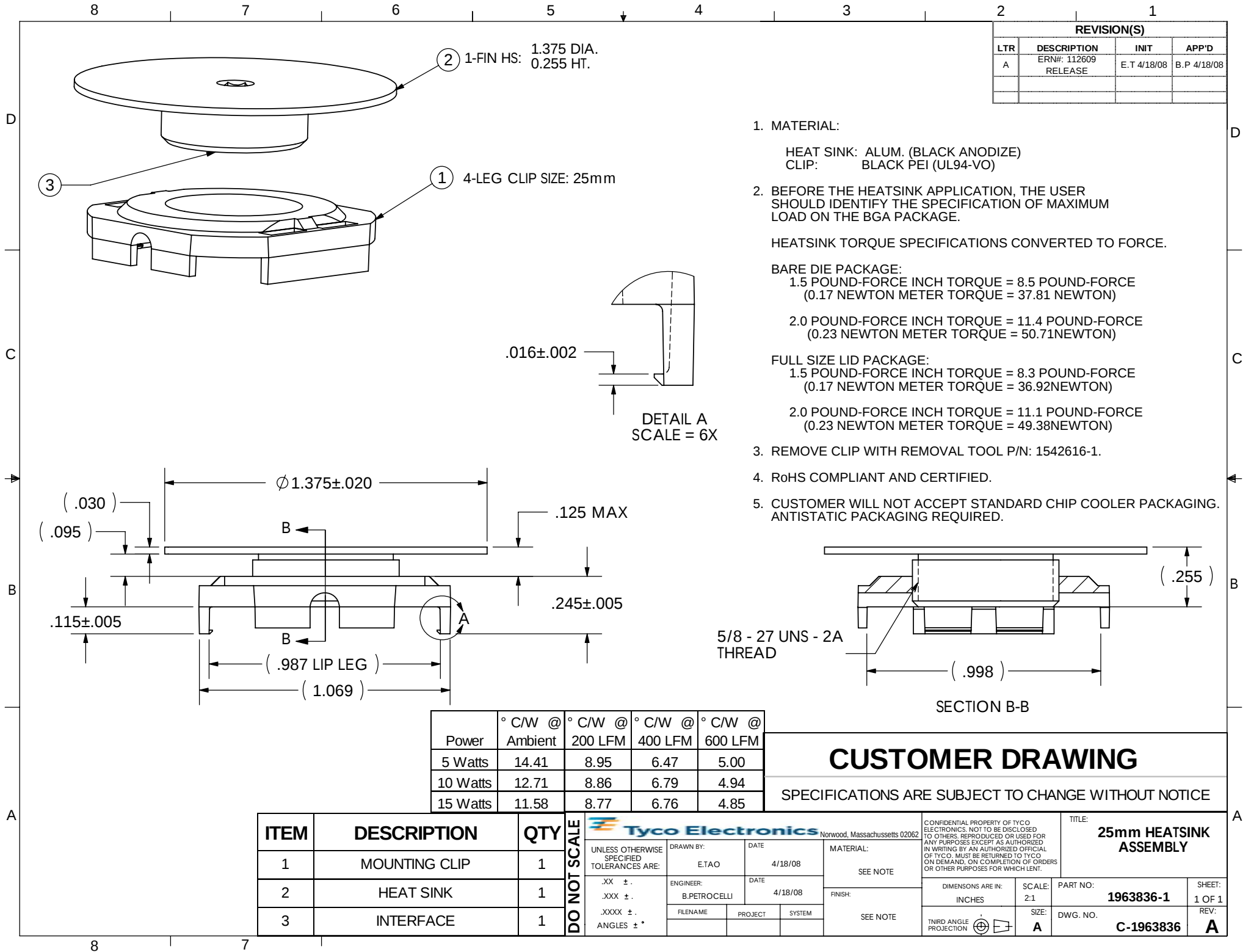




REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	ERN#: 112609 RELEASE	E.T 4/18/08	B.P 4/18/08

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE
(0.17 NEWTON METER TORQUE = 37.81 NEWTON)
- 2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE
(0.23 NEWTON METER TORQUE = 50.71NEWTON)
- FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE
(0.17 NEWTON METER TORQUE = 36.92NEWTON)
- 2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 49.38NEWTON)
3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
4. RoHS COMPLIANT AND CERTIFIED.
5. CUSTOMER WILL NOT ACCEPT STANDARD CHIP COOLER PACKAGING. ANTISTATIC PACKAGING REQUIRED.

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	14.41	8.95	6.47	5.00
10 Watts	12.71	8.86	6.79	4.94
15 Watts	11.58	8.77	6.76	4.85

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY	DO NOT SCALE	 Norwood, Massachusetts 02062					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:	
				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN BY:	DATE	MATERIAL:				25mm HEATSINK ASSEMBLY	
						E.TAO	4/18/08	SEE NOTE					
1	MOUNTING CLIP	1	.XX ± . .XXX ± . .XXXX ± . ANGLES ± °	ENGINEER: B.PETROCELLI	DATE 4/18/08	FINISH: <							