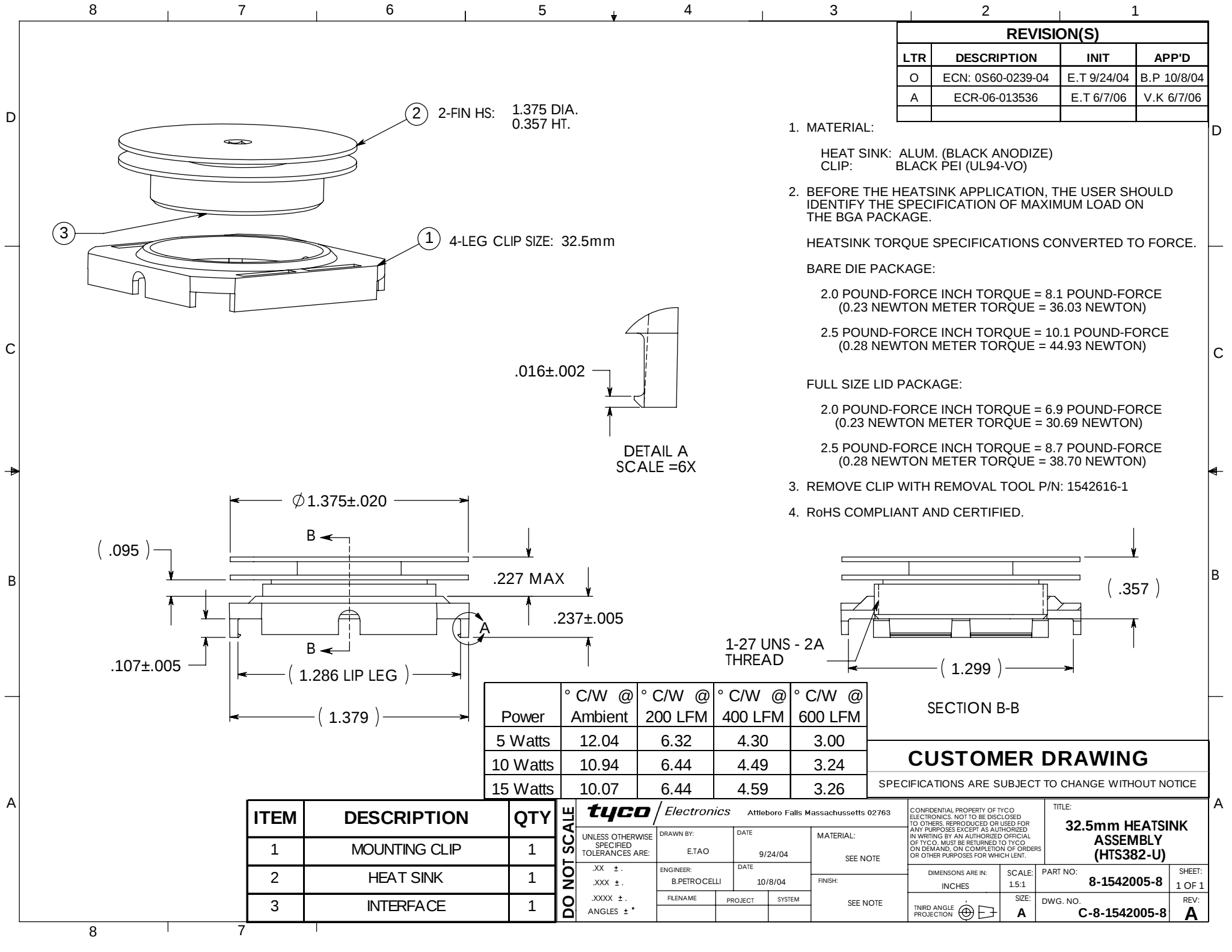




REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0239-04	E.T 9/24/04	B.P 10/8/04
A	ECR-06-013536	E.T 6/7/06	V.K 6/7/06

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
5 Watts	12.04	6.32	4.30	3.00
10 Watts	10.94	6.44	4.49	3.24
15 Watts	10.07	6.44	4.59	3.26

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

DO NOT SCALE

tyco / Electronics				Attleboro Falls Massachusetts 02763				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: 32.5mm HEATSINK ASSEMBLY (HTS382-U)							
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XX ± . .XXX ± . .XXXX ± . ANGLES ± °				DRAWN BY: E.TAO		DATE 9/24/04		MATERIAL: SEE NOTE				PART NO: 8-1542005-8							
				ENGINEER: B.PETROCELLI		DATE 10/8/04		FINISH: SEE NOTE											
				FILENAME		PROJECT		SYSTEM		DIMENSIONS ARE IN: INCHES				SCALE: 1.5:1		DWG. NO. C-8-1542005-8		SHEET: 1 OF 1	
										THIRD ANGLE PROJECTION 				SIZE: A		REV: A			

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