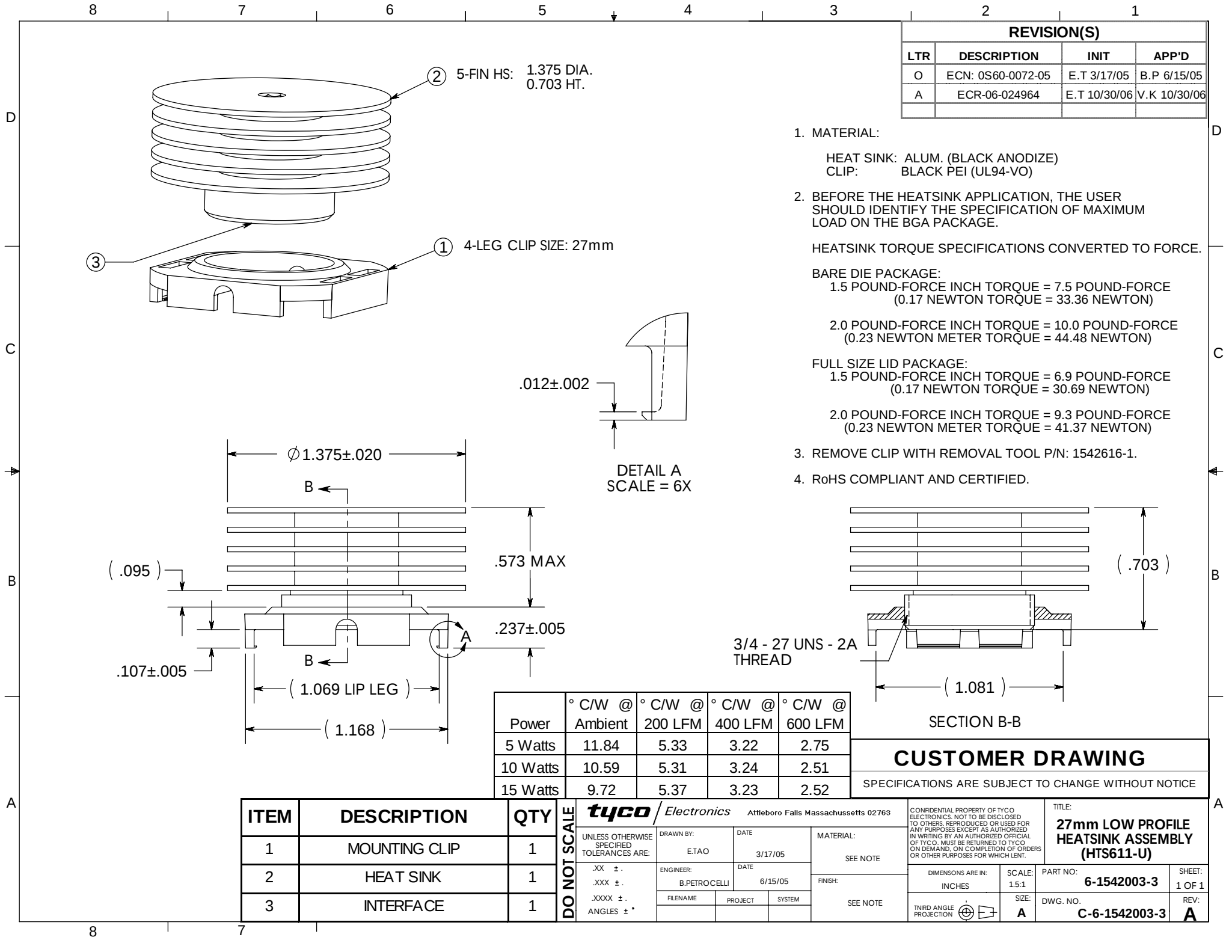




REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0072-05	E.T 3/17/05	B.P 6/15/05
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
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)
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	11.84	5.33	3.22	2.75
10 Watts	10.59	5.31	3.24	2.51
15 Watts	9.72	5.37	3.23	2.52

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: 3/17/05

ENGINEER: B.PETROCELLI

DATE: 6/15/05

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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TITLE: 27mm LOW PROFILE HEATSINK ASSEMBLY (HTS611-U)

DIMENSIONS ARE IN: INCHES

SCALE: 1.5:1

SHEET: 1 OF 1

PART NO: 6-1542003-3

DWG. NO. C-6-1542003-3

REV: A