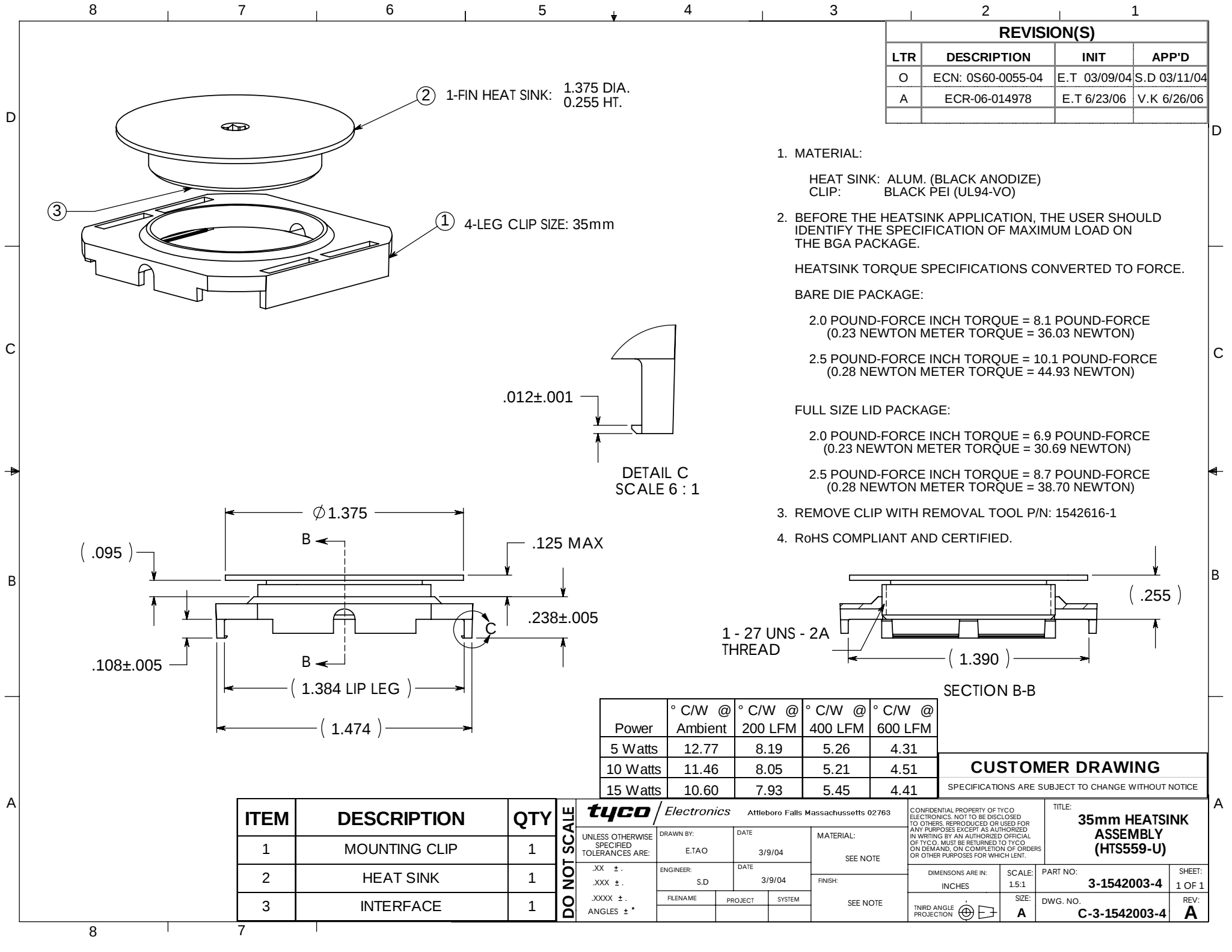




REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0055-04	E.T 03/09/04	S.D 03/11/04
A	ECR-06-014978	E.T 6/23/06	V.K 6/26/06

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	12.77	8.19	5.26	4.31
10 Watts	11.46	8.05	5.21	4.51
15 Watts	10.60	7.93	5.45	4.41

SECTION B-B

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:
.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

DRAWN BY: E.TAO

DATE: 3/9/04

ENGINEER: S.D

DATE: 3/9/04

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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TITLE: 35mm HEATSINK ASSEMBLY (HTS559-U)

DIMENSIONS ARE IN: INCHES

SCALE: 1.5:1

PART NO: 3-1542003-4

DWG. NO. C-3-1542003-4

SHEET: 1 OF 1

REV: A