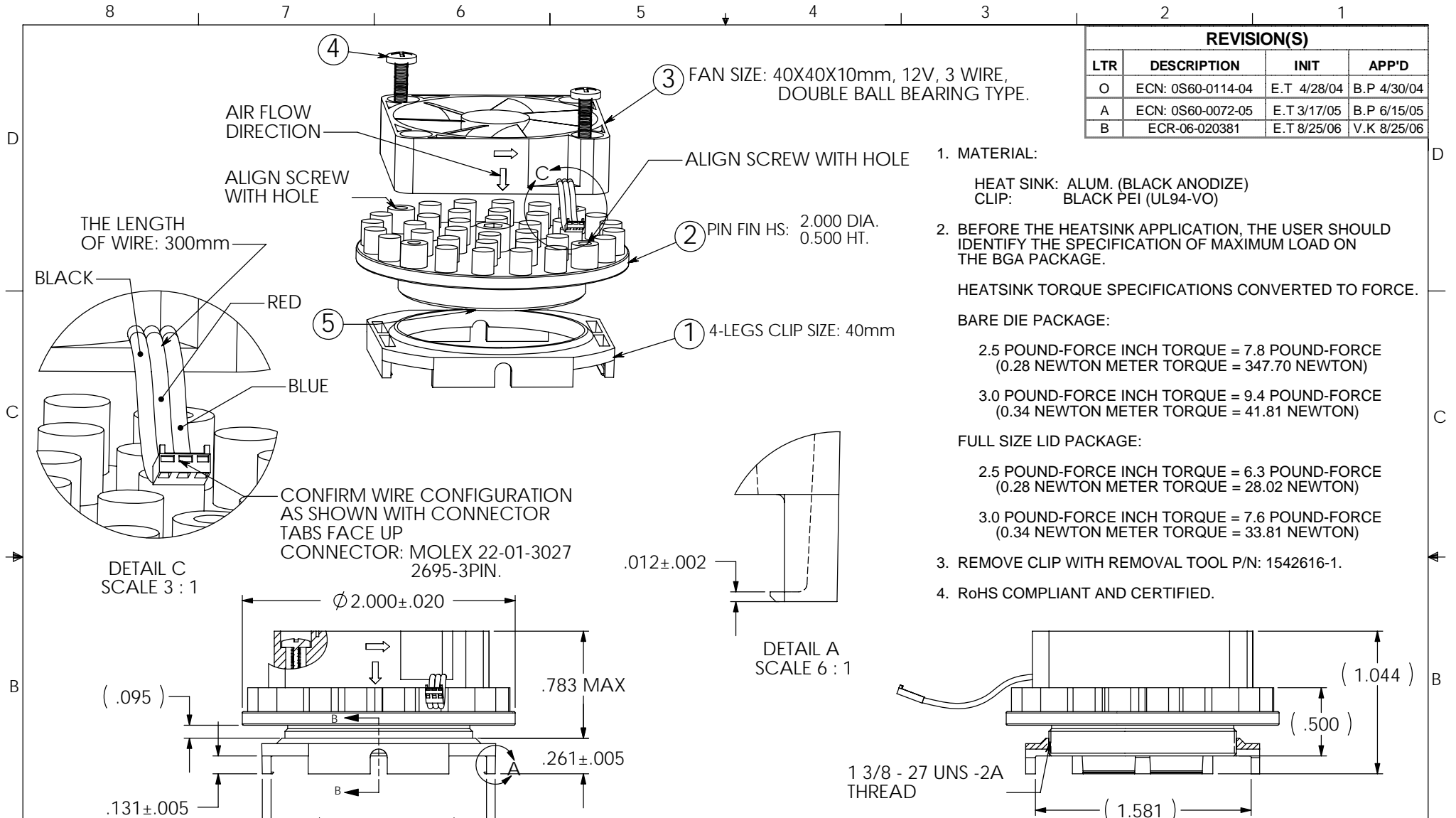


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0114-04	E.T 4/28/04	B.P 4/30/04
A	ECN: 0S60-0072-05	E.T 3/17/05	B.P 6/15/05
B	ECR-06-020381	E.T 8/25/06	V.K 8/25/06



- MATERIAL:  
HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-VO)
- 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:  
2.5 POUND-FORCE INCH TORQUE = 7.8 POUND-FORCE (0.28 NEWTON METER TORQUE = 347.70 NEWTON)  
3.0 POUND-FORCE INCH TORQUE = 9.4 POUND-FORCE (0.34 NEWTON METER TORQUE = 41.81 NEWTON)  
  
FULL SIZE LID PACKAGE:  
2.5 POUND-FORCE INCH TORQUE = 6.3 POUND-FORCE (0.28 NEWTON METER TORQUE = 28.02 NEWTON)  
3.0 POUND-FORCE INCH TORQUE = 7.6 POUND-FORCE (0.34 NEWTON METER TORQUE = 33.81 NEWTON)
- REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
- RoHS COMPLIANT AND CERTIFIED.

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM	WITH FAN
5 Watts	8.64	4.45	2.80	2.00	2.51
10 Watts	7.86	4.49	2.89	2.38	2.36
15 Watts	7.38	4.57	2.95	2.42	2.42

ITEM	DESCRIPTION	QTY	DO NOT SCALE
1	MOUNTING CLIP	1	
2	HEAT SINK	1	
3	FAN	1	
4	SCREW	2	
5	INTERFACE	1	

**tyco** / Electronics    Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:  
.XX ±  
.XXX ±  
.XXXX ±  
ANGLES ± \*

DRAWN BY: E.TAO    DATE: 4/28/04  
ENGINEER: B.PETROCELLI    DATE: 4/30/04

FILENAME    PROJECT    SYSTEM

MATERIAL: SEE NOTE  
FINISH: SEE NOTE

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TITLE: **40mm HEATSINK ASSEMBLY (HTS353B-U)**

DIMENSIONS ARE IN: INCHES    SCALE: 1:1    PART NO: **2-1542006-6**    SHEET: 1 OF 1

SIZE: **A**    DWG. NO. **C-2-1542006-6**    REV: **B**