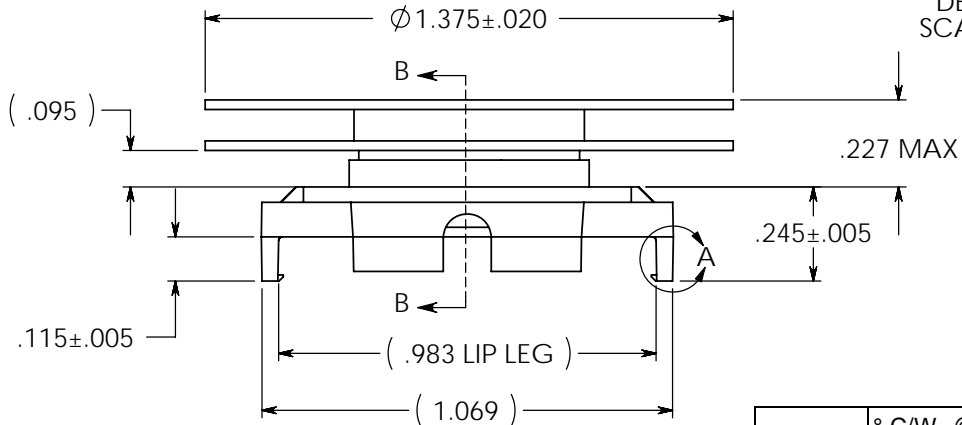
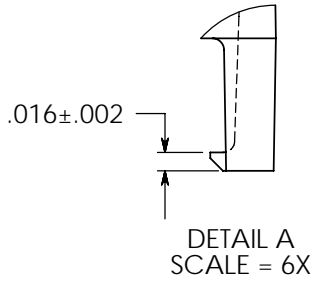
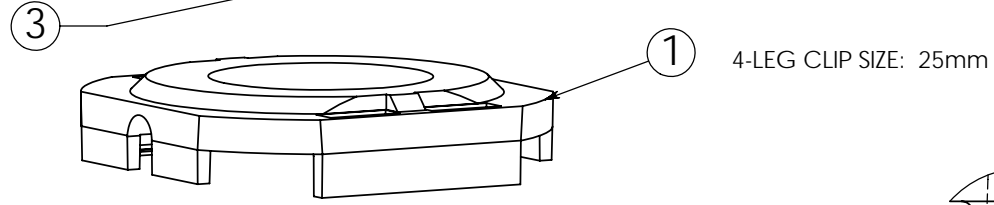
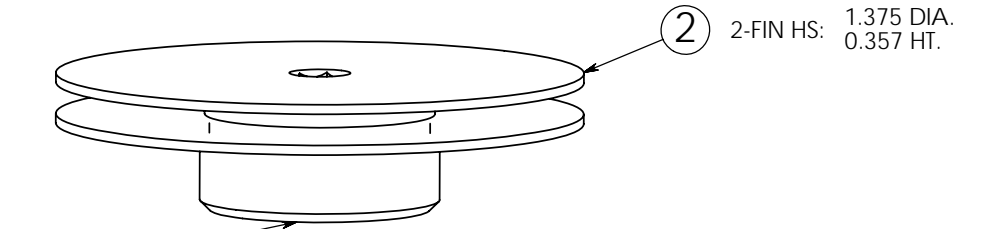
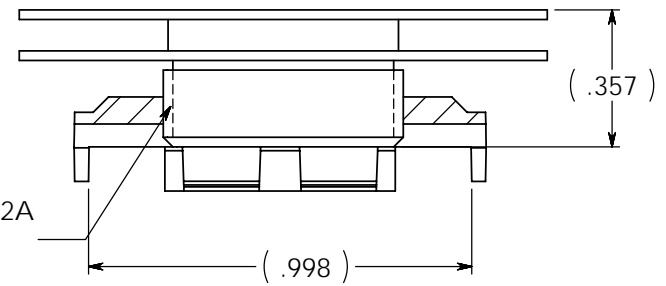


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0560-0081-04	E.T 3/31/04	B.P 04/07/04
A	ECR-06-013921	E.T 6/20/06	V.K 6/20/06

- 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:  
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE (0.17 NEWTON 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 TORQUE = 36.92NEWTON)  
  
2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE (0.23 NEWTON METER TORQUE = 49.38NEWTON)
- REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
- RoHS COMPLIANT AND CERTIFIED.



5/8 - 27 UNS - 2A  
THREAD



SECTION B-B

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	13.43	7.22	4.85	4.05
10 Watts	12.23	7.08	4.67	3.96
15 Watts	11.26	7.24	4.70	3.92

**CUSTOMER DRAWING**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY	DO NOT SCALE
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: 3/31/04

ENGINEER: B.PETROCELLI    DATE: 04/07/04

FILENAME:    PROJECT:    SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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TITLE: **25mm HEATSINK ASSEMBLY (HTS662-U)**

DIMENSIONS ARE IN: INCHES    SCALE: 2:1    PART NO: **8-1542003-4**    SHEET: 1 OF 1

SIZE: **A**    DWG. NO. **C-8-1542003-4**    REV: **A**

THIRD ANGLE PROJECTION