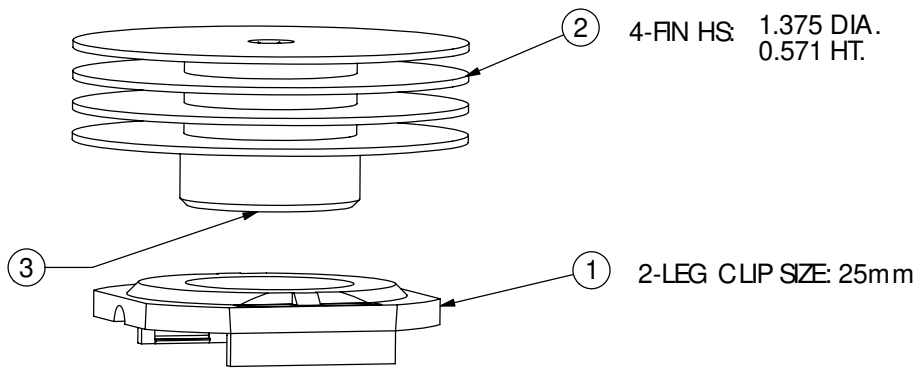
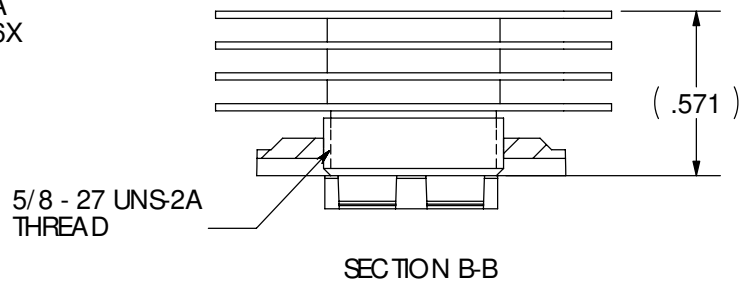
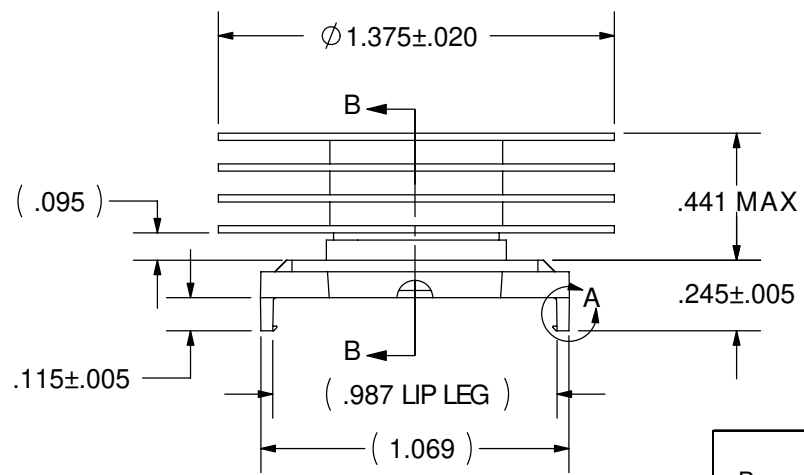
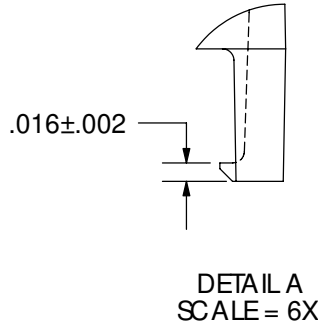


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0226-04	E.T 9/21/04	B.P 9/27/04
A	ECR-06-021171	E.T 9/6/06	V.K 9/6/06



- 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.



Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	12.34	5.26	3.51	2.91
10 Watts	11.12	5.16	3.52	2.81
15 Watts	10.21	5.14	3.52	2.84

**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 TO LEFTRANCES ARE:  
.XX ±.  
.XXX ±.  
.XXXX ±.  
ANGLES ±°

DRAWN BY: E.TAO    DATE: 9/21/04    MATERIAL: SEE NOTE

ENGINEER: B.PETROCELLI    DATE: 9/27/04    FINISH: SEE NOTE

FILENAME:    PROJECT:    SYSTEM:

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TITLE: 25mm HEATSINK ASSEMBLY (HTS592-P)

DIMENSIONS ARE IN: INCHES    SCALE: 1.5:1    PART NO.: 4-1542003-9    SHEET: 1 OF 1

TYPED ANGLE PROJECTION:    SIZE: A    DWG. NO.: C-4-1542003-9    REV: A