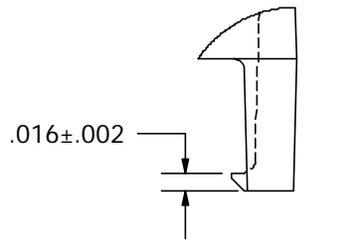
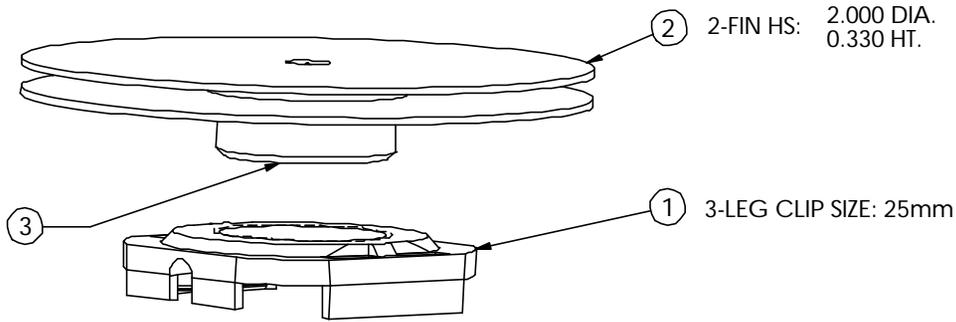
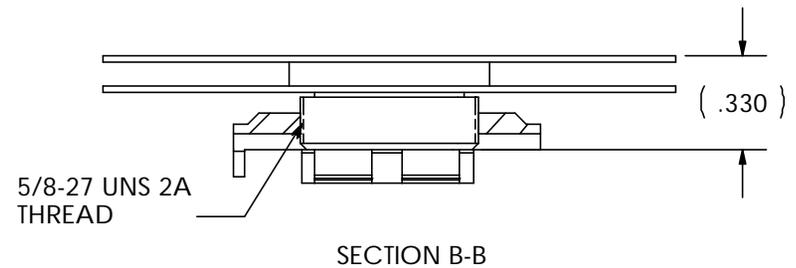
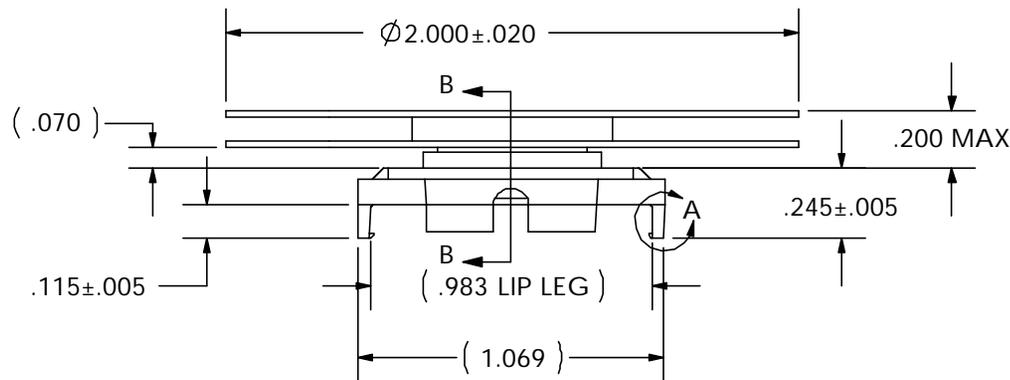


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0081-04	E.T 3/31/04	B.P 04/07/04
A	ECR-06-011657	E.T 5/16/06	V.K 5/17/06



DETAIL A  
SCALE = 6X



NOTE:

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 INCH - LB TORQUE = 8.5 LBS FORCE  
2.0 INCH - LB TORQUE = 11.4 LBS FORCE

FULL SIZE LID PACKAGE:

1.5 INCH - LB TORQUE = 8.3 LBS FORCE  
2.0 INCH - LB TORQUE = 11.1 LBS FORCE

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

**CUSTOMER DRAWING**  
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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 3/31/04	MATERIAL: SEE NOTE
ENGINEER: B. PETROCELLI	DATE 04/08/04	FINISH: SEE NOTE
FILENAME	PROJECT	SYSTEM

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TITLE:  
**25mm HS ASS'Y (HTS823-U)**

DIMENSIONS ARE IN: INCHES    SCALE: 1.5:1    PART NO: **1-1542007-7**    SHEET: 1 OF 1

SIZE: **A**    DWG. NO: **C-1-1542007-7**    REV: **A**

THIRD ANGLE PROJECTION