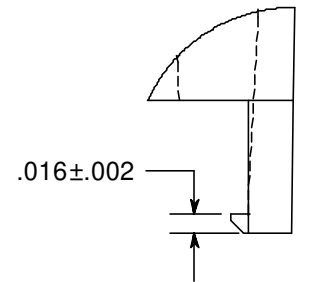
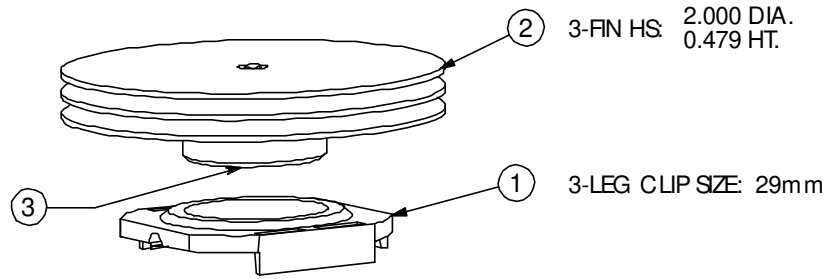
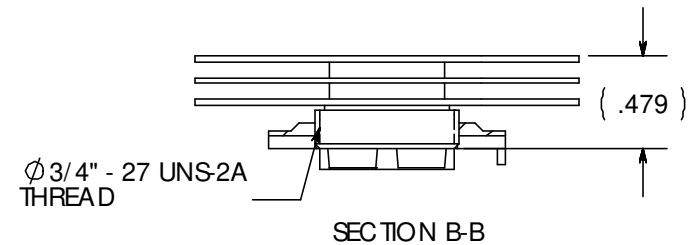
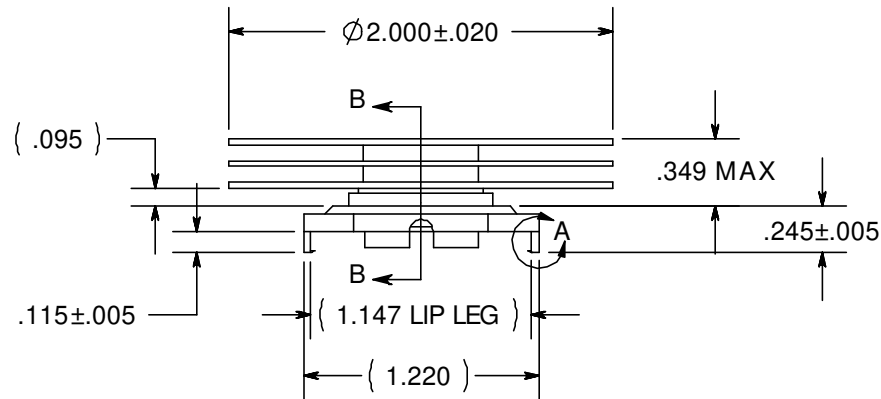


**REVISION(S)**

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0173-04	E.T 7/6/04	B.P 7/7/04
A	ECR-05-017301	E.T 12/15/05	A.I 12/16/05



DETAIL A  
SCALE = 6X



NOTE:

1. MATERIAL:

HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-VO)

2. SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE SHOULD BE IDENTIFIED BY THE USER BEFORE THE HEATSINK APPLICATION.

HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

BARE DIE PACKAGE:

1.5 INCH - LB TORQUE = 7.5 LBS FORCE  
2.0 INCH - LB TORQUE = 10 LBS FORCE

FULL SIZE LID PACKAGE:

1.5 INCH - LB TORQUE = 6.9 LBS FORCE  
2.0 INCH - LB TORQUE = 9.3 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:

DRAWN BY:	DATE	MATERIAL:
E.TAO	7/6/04	SEE NOTE
ENGINEER:	DATE	FINISH:
B.PETROCELLI	7/7/04	SEE NOTE
FILENAME	PROJECT	SYSTEM

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TITLE: 29mm HS ASSY (HTS828-U)

DIMENSIONS ARE IN:	SCALE:	PARTNO:	SHEET:
INCHES	1:1	2-1542007-3	1 OF 1
THIRD ANGLE PROJECTION	SIZE:	DWG. NO.	REV:
	A	C-2-1542007-3	A