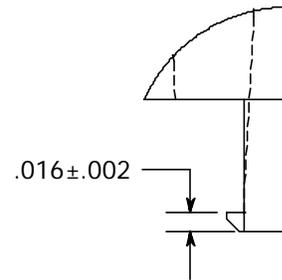
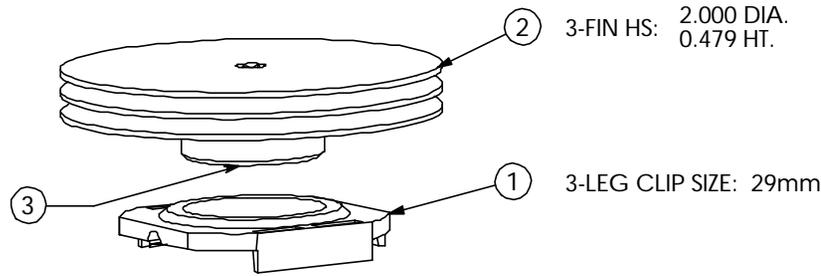
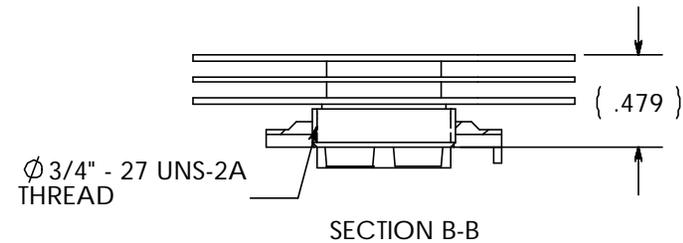
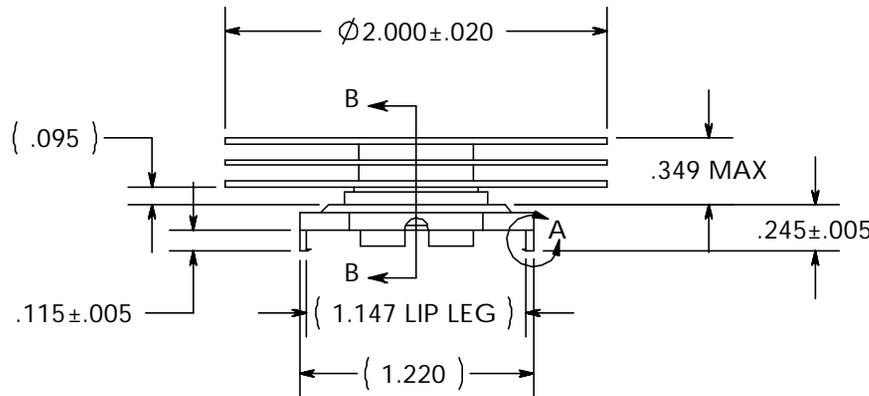


REVISION(S)

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

DO NOT SCALE	tyco / Electronics		Attleboro Falls Massachusetts 02763		<small>CONFIDENTIAL PROPERTY OF TYCO ELECTRONICS. NOT TO BE DISCLOSED TO OTHERS. REPRODUCED OR USED FOR ANY PURPOSES EXCEPT AS AUTHORIZED IN WRITING BY AN AUTHORIZED OFFICIAL OF TYCO. MUST BE RETURNED TO TYCO ON DEMAND, ON COMPLETION OF ORDERS OR OTHER PURPOSES FOR WHICH LENT.</small>	TITLE: 29mm HS ASS'Y (HTS828-U)		
	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	DRAWN BY: E.TAO	DATE 7/6/04	MATERIAL: SEE NOTE		DIMENSIONS ARE IN: INCHES	SCALE: 1:1	PART NO: 2-1542007-3
	.XX ± .	ENGINEER: B.PETROCELLI	DATE 7/7/04	FINISH: SEE NOTE		SIZE: A	REV: A	SHEET: 1 OF 1
	.XXX ± .	FILENAME	PROJECT	SYSTEM		THIRD ANGLE PROJECTION	DWG. NO. C-2-1542007-3	
.XXXX ± .								
ANGLES ± °								