

REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0242-04	E.T 10/6/04	B.P 10/11/04
A	ECO-06-006780	E.T 3/23/06	C.W 3/23/06

NOTE:

1. MATERIAL:

HEAT SINK: ALUM. (BLACK ANODIZE)
CLIP: BLACK PEI (UL94-V0)

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:

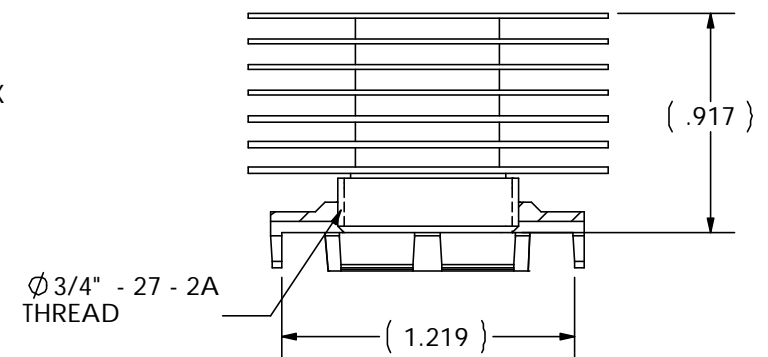
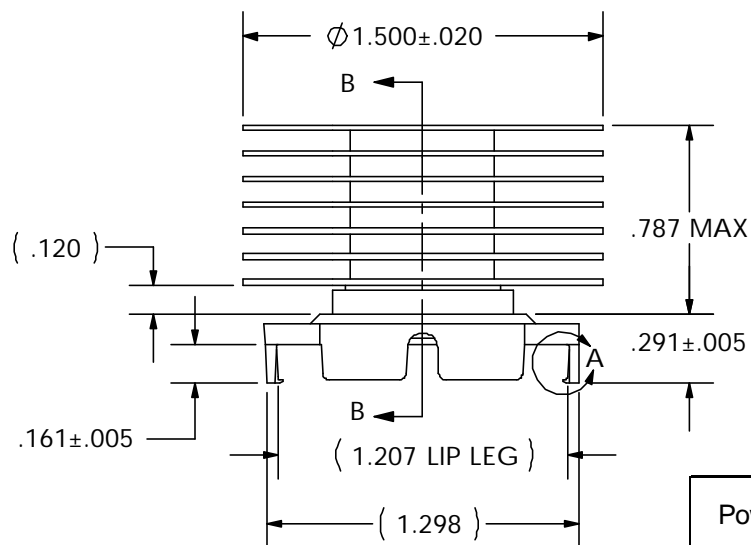
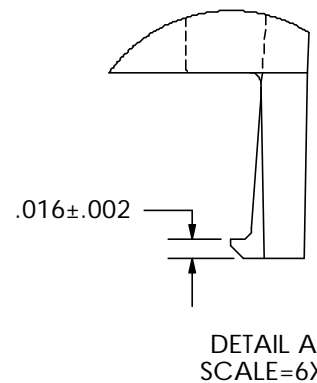
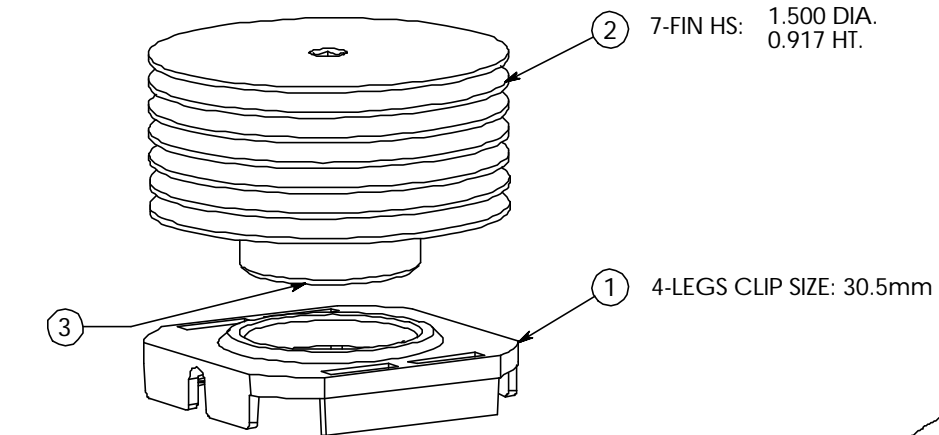
1.5 INCH - LB TORQUE = 7.5 LBS FORCE
2.0 INCH - LB TORQUE = 10 LBS FORCE

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.



Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	10.34	3.30	2.55	2.15
10 Watts	9.03	3.26	2.42	2.03
15 Watts	8.29	3.28	2.46	1.96

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

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

DRAWN BY:
E.TAO

DATE
10/6/04

MATERIAL:
SEE NOTE

ENGINEER:
B.PETROCELLI

DATE
10/11/04

FINISH:
SEE NOTE

FILENAME

PROJECT

SYSTEM

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TITLE:
30.5mm LOW PROFILE HEATSINK ASSEMBLY (HTS649-P)

DIMENSIONS ARE IN:
INCHES

SCALE:
1.25:1

PART NO:
7-1542003-5

SHEET:
1 OF 1

THIRD ANGLE PROJECTION

SIZE:
A

DWG. NO.
C-7-1542003-5

REV:
A