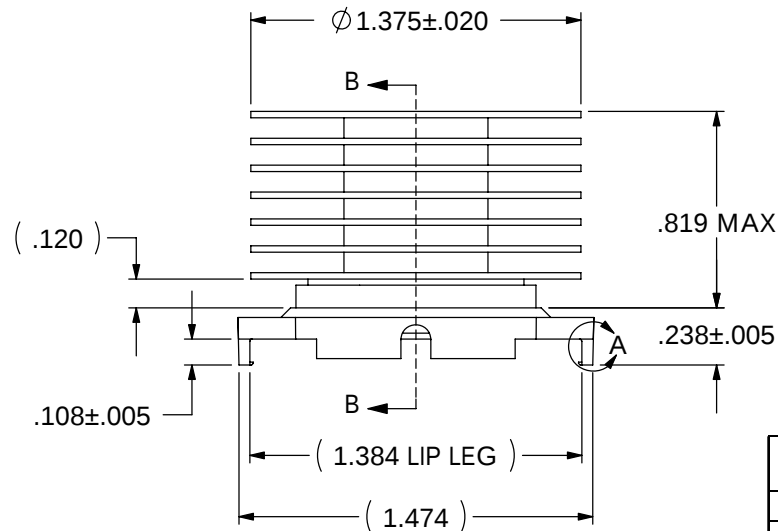
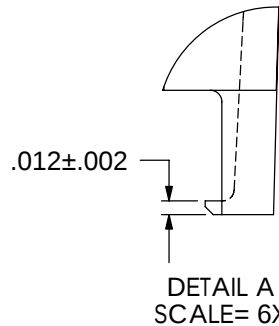
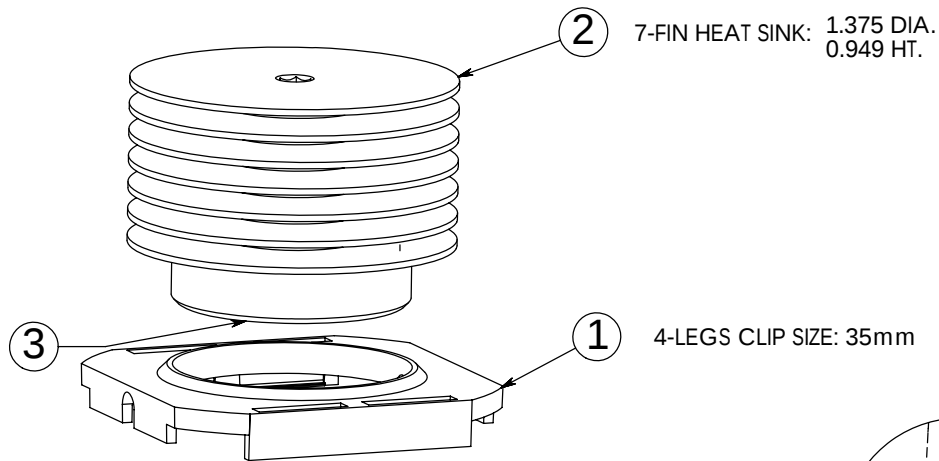


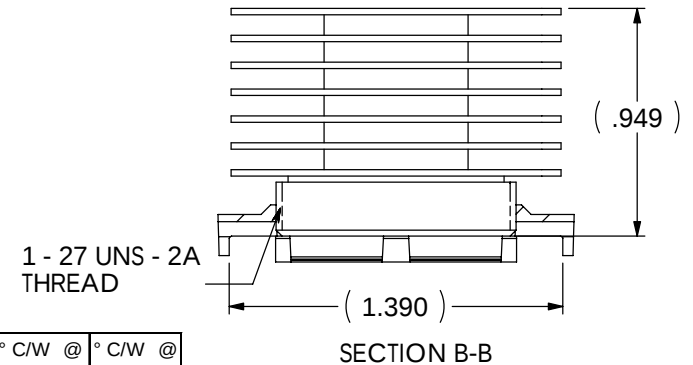


1. MATERIAL:
HEAT SINK: ALUM. (BLACK ANODIZE)
CLIP: BLACK PEI (UL94-VO)
2. BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.

HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

BARE DIE PACKAGE:
2.0 POUND-FORCE INCH TORQUE = 8.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 36.03 NEWTON)
2.5 POUND-FORCE INCH TORQUE = 10.1 POUND-FORCE
(0.28 NEWTON METER TORQUE = 44.93 NEWTON)

FULL SIZE LID PACKAGE:
2.0 POUND-FORCE INCH TORQUE = 6.9 POUND-FORCE
(0.23 NEWTON METER TORQUE = 30.69 NEWTON)
2.5 POUND-FORCE INCH TORQUE = 8.7 POUND-FORCE
(0.28 NEWTON METER TORQUE = 38.70 NEWTON)
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	9.12	3.66	2.32	2.04
10 Watts	8.58	3.58	2.34	1.85
15 Watts	8.23	3.53	2.24	1.84

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:	DATE	MATERIAL:
	E.TAO	02/23/04	SEE NOTE
	ENGINEER:	DATE	FINISH:
	B.P	02/23/04	SEE NOTE
FILENAME		PROJECT	SYSTEM

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DIMENSIONS ARE IN:	SCALE:
INCHES	1.25:1
THIRD ANGLE PROJECTION	SIZE:
	A

TITLE: 35mm LOW PROFILE HEATSINK ASSEMBLY (HTS561-U)	
PART NO:	1542006-7
DWG. NO.	C-1542006-7
REV:	A
SHEET:	1 OF 1

Mouser Electronics

Authorized Distributor

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[1542006-7](#)