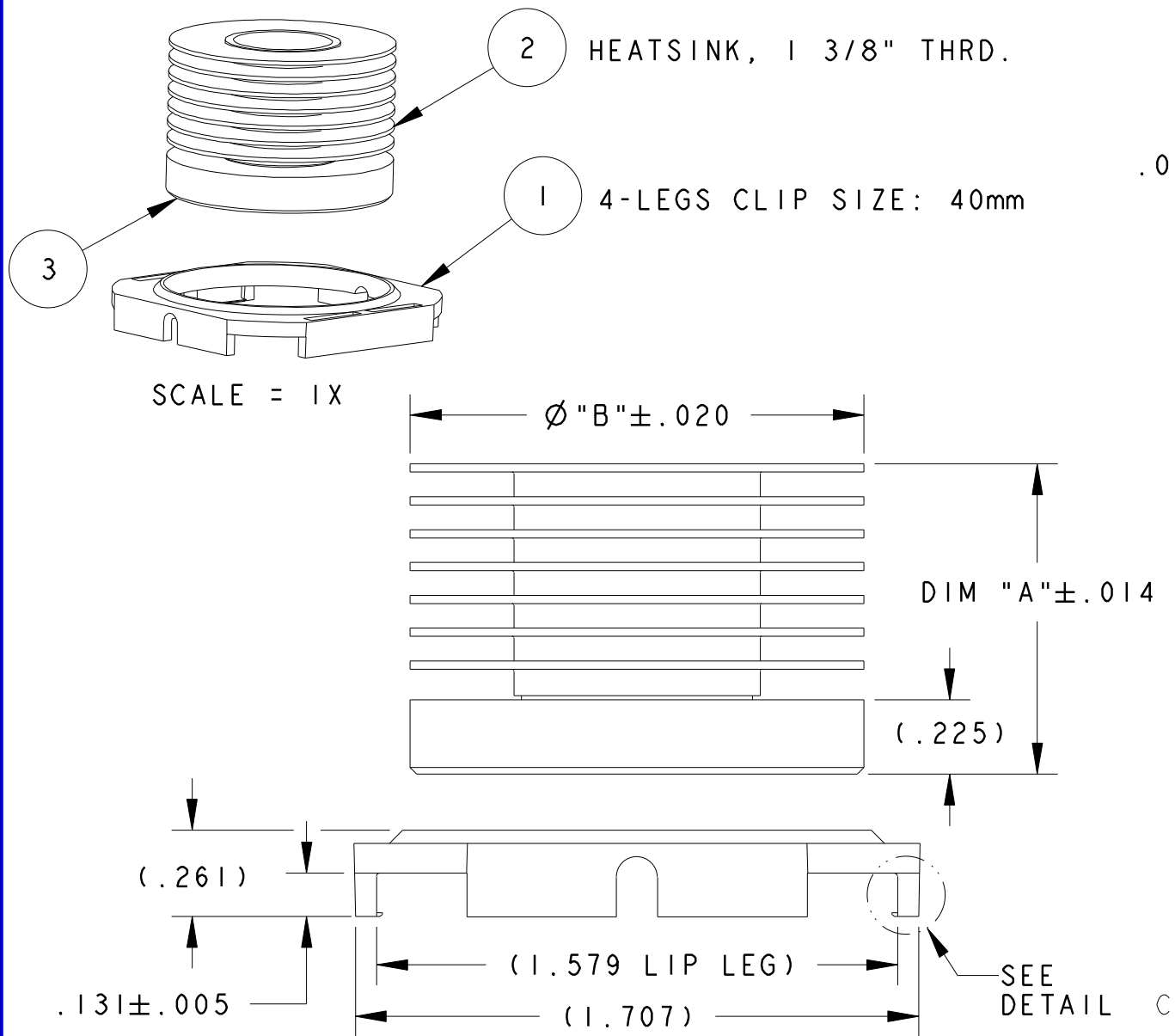


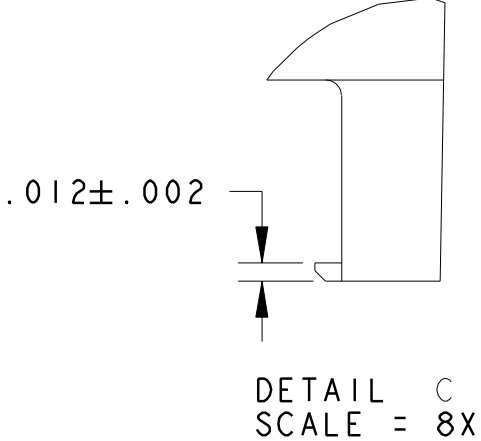
CUSTOMER DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



3	INTERFACE	1
2	HEATSINK, 1 3/8" THRD.	1
1	MOUNTING CLIP	1
ITEM NO.	DESCRIPTION	QTY

TABLE 1 (BOM)

REV.	REV. INFO	REV.
A	RELEASE ERN #: 112104 E.TAO 5-4-07 APP'D: V.K 5-4-07	A1
B	RELEASED ECR-07-012339 ETAO 5-24-07 APP'D: V.K 5-24-07	B1
B	RELEASED ECO-07-023087 DA 10-1-07 APP'D: BP 10-18-07	B1
B1	RELEASED ECR-07-030181 ETAO 12-14-07 APP'D: B.P 12-17-07	



1. MATERIAL:
- HEAT SINK: ALUMINUM
CLIP: BLACK PEI (UL94-VO)
2. BEFORE THE HEATSINK APPLICATION, THE USER SHOULD IDENTIFY THE SPECIFICATION OF MAXIMUM LOAD ON THE BGA PACKAGE.
- SCREW DRIVER SLOT (.070 WIDE X .100 DEEP) PROVIDED IN THE CENTER PORTION OF THE HEAT SINK. FOR ACCURATE TORQUE SETTING, SCREW DRIVER BIT MUST BE ALIGNED TO THE CENTER LINE OF THE HEAT SINK.
- HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE. BARE DIE PACKAGE:
- 2.5 POUND-FORCE INCH TORQUE = 7.8 POUND-FORCE
(0.28 NEWTON METER TORQUE = 34.70 NEWTON)
- 3.0 POUND-FORCE INCH TORQUE = 9.4 POUND-FORCE
(0.34 NEWTON METER TORQUE = 41.81 NEWTON)
- FULL SIZE LID PACKAGE:
- 2.5 POUND-FORCE INCH TORQUE = 6.3 POUND-FORCE
(0.28 NEWTON METER TORQUE = 28.02 NEWTON)
- 3.0 POUND-FORCE INCH TORQUE = 7.6 POUND-FORCE
(0.34 NEWTON METER TORQUE = 33.81 NEWTON)
3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1
4. RoHS COMPLIANT AND CERTIFIED.

200 LFM	400 LFM	600 LFM				
2.95	2.01	1.58	2-1963561-7	$\varnothing 2.000"$ HS, 1 3/8" THRD. 7 FINS	2.000	.940
3.36	2.23	1.76	2-1963561-5	$\varnothing 2.000"$ HS, 1 3/8" THRD. 5 FINS	2.000	.740
3.67	2.40	1.90	2-1963561-4	$\varnothing 2.000"$ HS, 1 3/8" THRD. 4 FINS	2.000	.640
4.02	2.67	2.12	2-1963561-3	$\varnothing 2.000"$ HS, 1 3/8" THRD. 3 FINS	2.000	.540
4.35	2.98	2.34	2-1963561-2	$\varnothing 2.000"$ HS, 1 3/8" THRD. 2 FINS	2.000	.440
3.67	2.45	1.88	1-1963561-7	$\varnothing 1.375"$ HS, 1 3/8" THRD, 7 FINS	1.375	.940
4.18	2.74	2.11	1-1963561-5	$\varnothing 1.375"$ HS, 1 3/8" THRD, 5 FINS	1.375	.740
4.56	2.95	2.28	1-1963561-4	$\varnothing 1.375"$ HS, 1 3/8" THRD, 4 FINS	1.375	.640
4.98	3.30	2.56	1-1963561-3	$\varnothing 1.375"$ HS, 1 3/8" THRD, 3 FINS	1.375	.540
5.40	3.66	2.84	1-1963561-2	$\varnothing 1.375"$ HS, 1 3/8" THRD. 2 FINS	1.375	.440
Rca ($^{\circ}$ C/WATT)			ASSEMBLY HS PART NO.	DESCRIPTION	$\varnothing "B"$	DIM "A"

THERMAL PERFORMANCE

TABLE 2

Tyco Electronics

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX $\pm$.
.XXX $\pm$.
.XXXX $\pm$.
ANGLES $\pm$ $^{\circ}$

DRAWN BY: E.TAO

ENGINEER: V. KHEIL

FILENAME: C-1963561

DATE: 5-4-07

DATE: 5-4-07

PROJECT: PRO-E

MATERIAL: N/A

FINISH: N/A

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DIMENSIONS ARE IN: INCHES

SCALE: 2:1

SIZE: B

THIRD ANGLE PROJECTION

TITLE: ASSEMBLY HEATSINK WITH 4 LEGS, 40mm CLIP

TE PART NO.: SEE TABLE 2

DWG. NO.: C-1963561

SHEET 1 of 1

REV. B1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-1963561-2](#)