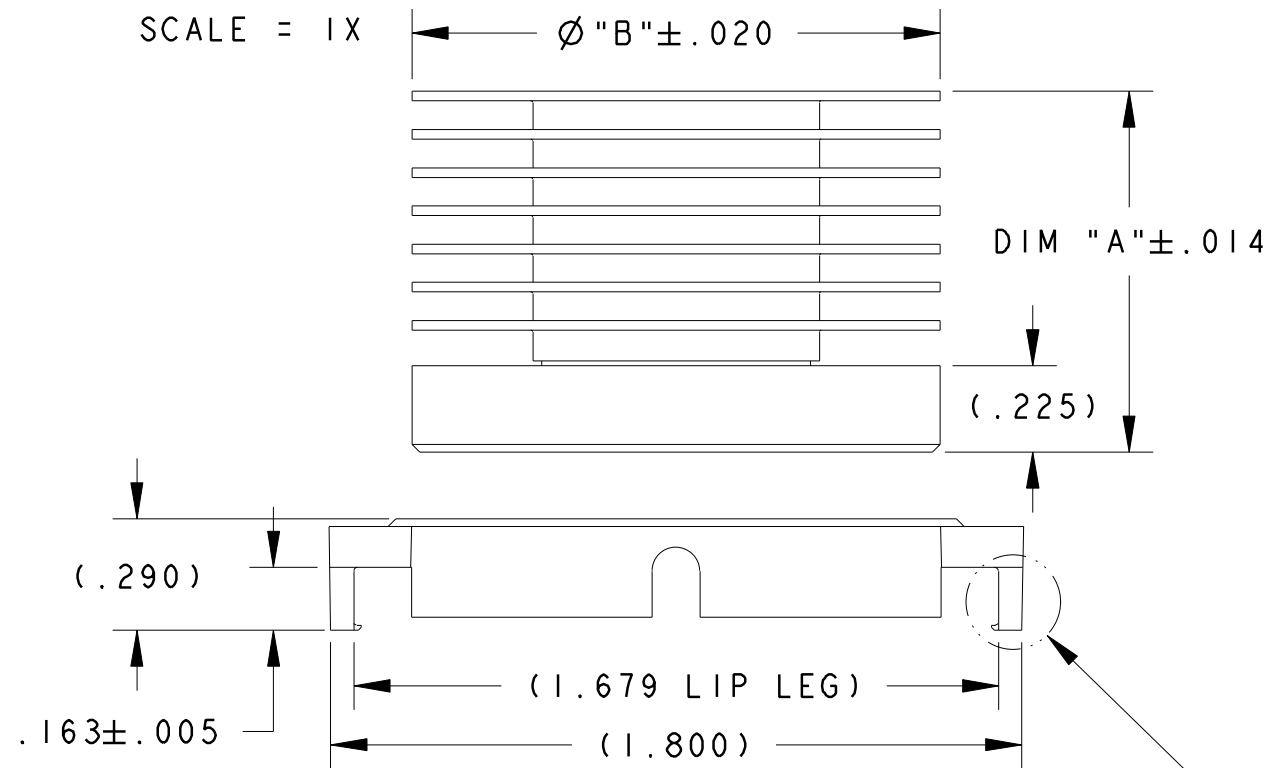
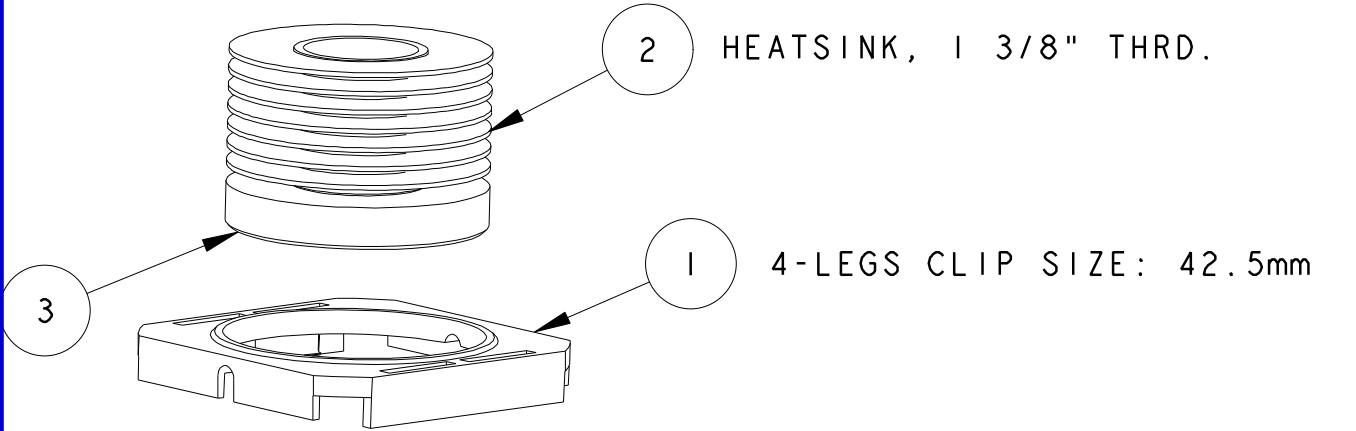
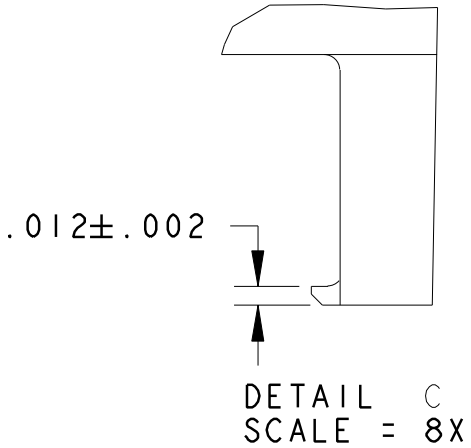


CUSTOMER DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



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

TABLE 1 (BOM)



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	2-1963562-7	Ø2.000" HS, 1 3/8" THRD. 7 FINS	2.000	.940
3.36	2.23	1.76	2-1963562-5	Ø2.000" HS, 1 3/8" THRD. 5 FINS	2.000	.740
3.67	2.40	1.90	2-1963562-4	Ø2.000" HS, 1 3/8" THRD. 4 FINS	2.000	.640
4.02	2.67	2.12	2-1963562-3	Ø2.000" HS, 1 3/8" THRD. 3 FINS	2.000	.540
4.35	2.98	2.34	2-1963562-2	Ø2.000" HS, 1 3/8" THRD. 2 FINS	2.000	.440
3.67	2.45	1.88	1-1963562-7	Ø1.375" HS, 1 3/8" THRD, 7 FINS	1.375	.940
4.18	2.74	2.11	1-1963562-5	Ø1.375" HS, 1 3/8" THRD, 5 FINS	1.375	.740
4.56	2.95	2.28	1-1963562-4	Ø1.375" HS, 1 3/8" THRD, 4 FINS	1.375	.640
4.98	3.30	2.56	1-1963562-3	Ø1.375" HS, 1 3/8" THRD, 3 FINS	1.375	.540
5.40	3.66	2.84	1-1963562-2	Ø1.375" HS, 1 3/8" THRD. 2 FINS	1.375	.440
Rca (°C/WATT)			ASSEMBLY HS PART NO.	DESCRIPTION	Ø"B"	DIM "A"

TABLE 2

REVISION INFO

REV. A

RELEASE
ERN #: 112104
E.TAO 5-4-07
APP'D: V.K 5-4-07

RELEASED
ECR-07-012339
ETAO 5-24-07
APP'D: V.K 5-24-07

RELEASED
ECO-07-023087
DA 10-1-07
APP'D: BP 10-18-07

RELEASED
ECR-07-030181
ETAO 12-14-07
APP'D: B.P 12-17-07

DO NOT SCALE

Tyco Electronics

North Attleboro, Massachusetts 02760

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

DRAWN BY:

E.TAO

ENGINEER:

V. KHEIL

FILENAME

C-1963562

PROJECT

SYSTEM

PRO-E

DATE:

5-4-07

DATE:

5-4-07

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, 42.5mm CLIP

TE PART NO.: SEE TABLE 2

DWG. NO.: C-1963562

SHEET 1 of 1

REV. BI

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2-1963562-5](#)