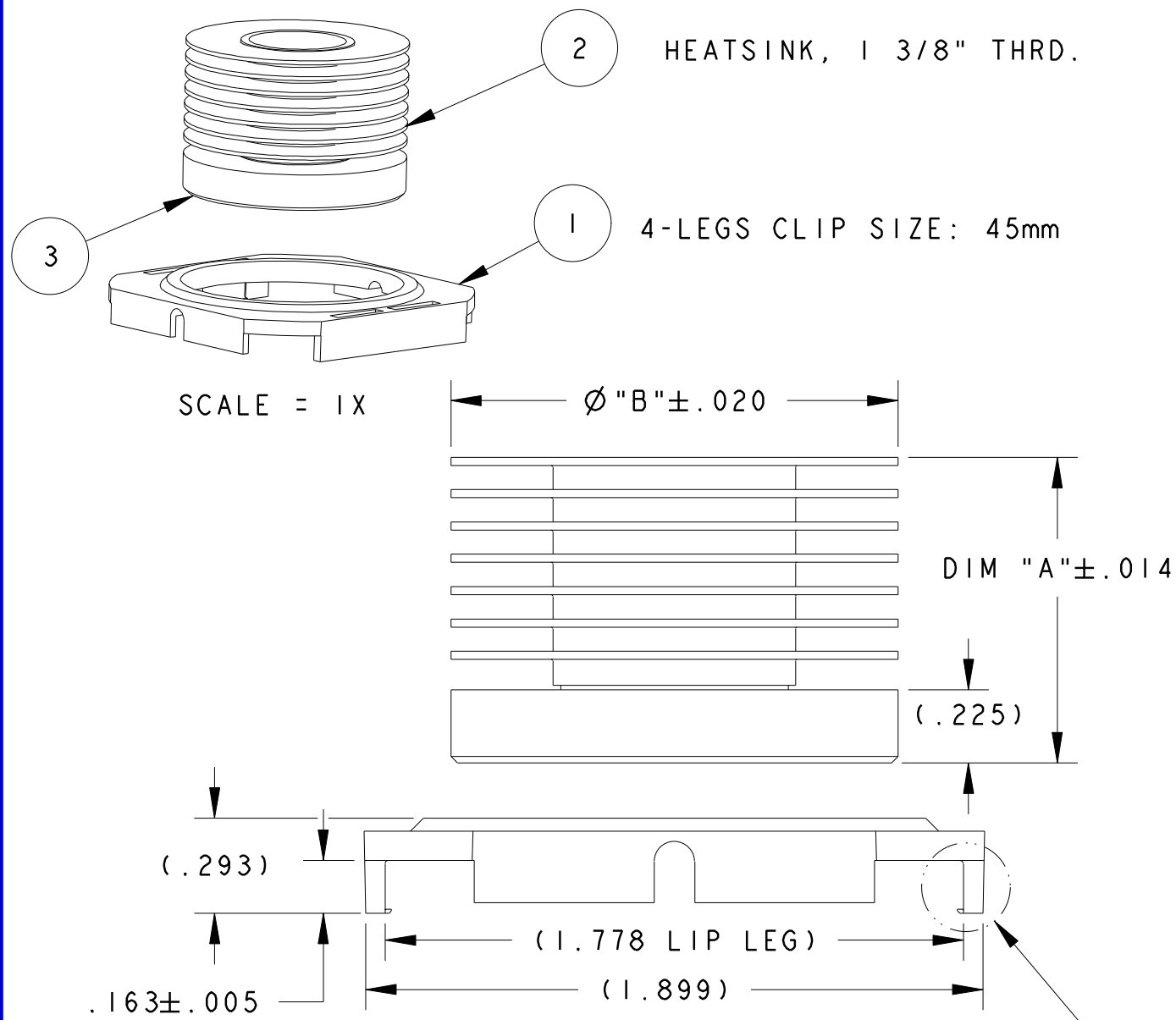
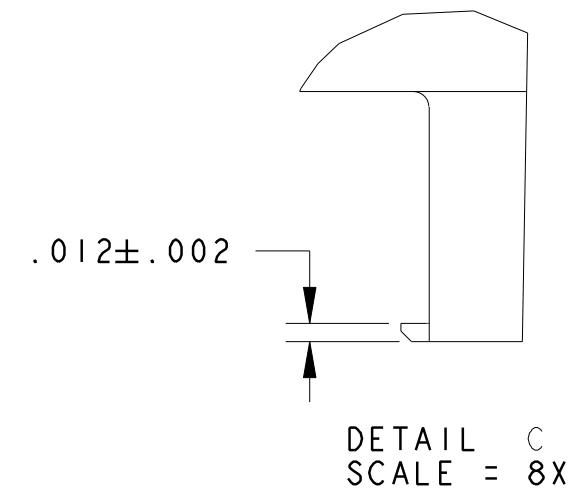


CUSTOMER DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



3	INTERFACE	1
2	HEATSINK, 1 3/8" THRD.	1
1	MOUNTING CLIP	1

TABLE 1 (BOM)



200 LFM	400 LFM	600 LFM				
2.95	2.01	1.58	2-1963563-7	Ø2.000" HS, 1 3/8" THRD. 7 FINS	2.000	.940
3.36	2.23	1.76	2-1963563-5	Ø2.000" HS, 1 3/8" THRD. 5 FINS	2.000	.740
3.67	2.40	1.90	2-1963563-4	Ø2.000" HS, 1 3/8" THRD. 4 FINS	2.000	.640
4.02	2.67	2.12	2-1963563-3	Ø2.000" HS, 1 3/8" THRD. 3 FINS	2.000	.540
4.35	2.98	2.34	2-1963563-2	Ø2.000" HS, 1 3/8" THRD. 2 FINS	2.000	.440
3.67	2.45	1.88	1-1963563-7	Ø1.375" HS, 1 3/8" THRD. 7 FINS	1.375	.940
4.18	2.74	2.11	1-1963563-5	Ø1.375" HS, 1 3/8" THRD. 5 FINS	1.375	.740
4.56	2.95	2.28	1-1963563-4	Ø1.375" HS, 1 3/8" THRD. 4 FINS	1.375	.640
4.98	3.30	2.56	1-1963563-3	Ø1.375" HS, 1 3/8" THRD. 3 FINS	1.375	.540
5.40	3.66	2.84	1-1963563-2	Ø1.375" HS, 1 3/8" THRD. 2 FINS	1.375	.440
Rca (°C/WATT)			ASSEMBLY HS PART NO.	DESCRIPTION	Ø "B"	DIM "A"

THERMAL PERFORMANCE TABLE 2

1. MATERIAL:
- HEAT SINK: ALUMINUM
CLIP: BLACK PEI (UL94-V0)
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.

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-1963563

DATE: 5-4-07
DATE: 5-4-07
PROJECT: PRO-E

MATERIAL: N/A
FINISH: N/A

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 ELECTRONICS. MUST BE RETURNED TO TYCO ELECTRONICS ON DEMAND, ON COMPLETION OF ORDER OR OTHER PURPOSES FOR WHICH LENT.

DIMENSIONS ARE IN: INCHES
SCALE: 2:1
SIZE: B
THIRD ANGLE PROJECTION

TITLE: ASSEMBLY HEATSINK WITH 4 LEGS, 45mm CLIP
TE PART NO.: SEE TABLE 2
DWG. NO.: C-1963563

SHEET 1 of 1
REV. BI

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-1963563-4](#)