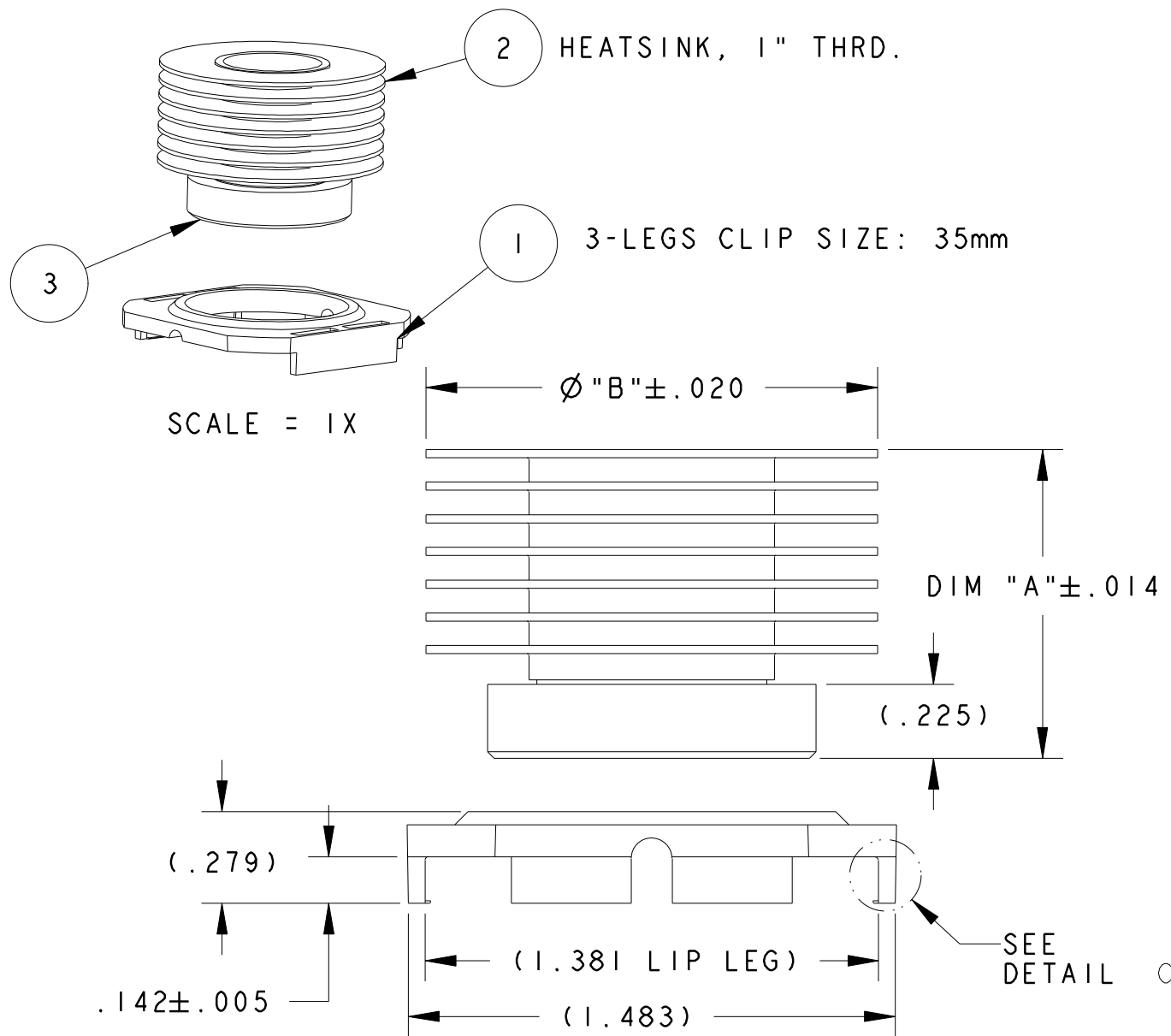
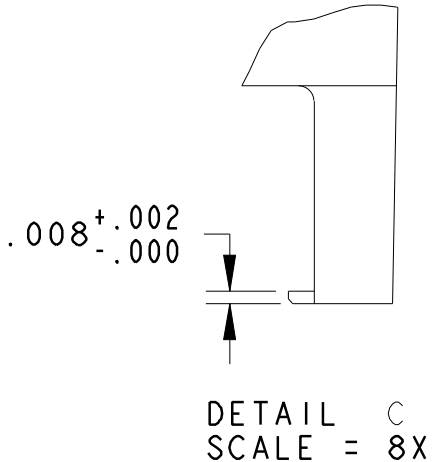


CUSTOMER DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



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

TABLE 1 (BOM)



200 LFM	400 LFM	600 LFM				
3.20	2.10	1.75	2-1963559-7	Ø2.000" HS, 1" THRD. 7 FINS	2.000	.940
3.64	2.37	1.92	2-1963559-5	Ø2.000" HS, 1" THRD. 5 FINS	2.000	.740
3.97	2.57	2.05	2-1963559-4	Ø2.000" HS, 1" THRD. 4 FINS	2.000	.640
4.37	2.88	2.30	2-1963559-3	Ø2.000" HS, 1" THRD. 3 FINS	2.000	.540
4.77	3.21	2.54	2-1963559-2	Ø2.000" HS, 1" THRD. 2 FINS	2.000	.440
4.00	2.63	2.02	1-1963559-7	Ø1.375" HS, 1" THRD, 7 FINS	1.375	.940
4.55	2.96	2.29	1-1963559-5	Ø1.375" HS, 1" THRD, 5 FINS	1.375	.740
4.96	3.20	2.50	1-1963559-4	Ø1.375" HS, 1" THRD, 4 FINS	1.375	.640
5.45	3.61	2.81	1-1963559-3	Ø1.375" HS, 1" THRD, 3 FINS	1.375	.540
5.95	4.02	3.13	1-1963559-2	Ø1.375" HS, 1" 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:
- 2.0 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.

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

Tyco Electronics

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

DRAWN BY: E.TAO

ENGINEER: V. KHEIL

FILENAME: C-1963559

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 3 LEGS, 35mm CLIP

TE PART NO.: SEE TABLE 2

DWG. NO.: C-1963559

SHEET 1 of 1

REV. BI

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[TE Connectivity:](#)

[2-1963559-7](#)