

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE
(0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE
(0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE
(0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

2 5-FIN HS: 1.375 DIA.
0.651 HT.

1 2-LEG CLIP SIZE: 25mm

3

.016±.002

DETAIL A
SCALE = 6X

Ø 1.375±.020

B

.521 MAX

.245±.005

.115±.005

B

(.987 LIP LEG)

(1.069)

5/8 - 27 UNS-2A
THREAD

SECTION B-B

(.651)

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY	tyco / Electronics	Attleboro Falls Massachusetts 02763	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. MUST BE RETURNED TO TYCO ON DEMAND, ON COMPLETION OF ORDERS OR OTHER PURPOSES FOR WHICH LENT.	TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)		
1	MOUNTING CLIP	1	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XX ± . .XXX ± . .XXXX ± . ANGLES ± °	DRAWN BY: E.TAO ENGINEER: B.PETROCELLI FILENAME PROJECT SYSTEM	DATE 10/5/04 DATE 10/13/04 MATERIAL: SEE NOTE FINISH: SEE NOTE	DIMENSIONS ARE IN: INCHES SCALE: 1.25:1 SIZE: A TNRD ANGLE PROJECTION	PART NO: 6-1542000-5 DWG. NO. C-6-1542000-5	SHEET: 1 OF 1 REV: A
2	HEAT SINK	1						
3	INTERFACE	1						

DO NOT SCALE

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

1. MATERIAL:

HEAT SINK: ALUM. (BLACK ANODIZE)
CLIP: BLACK PEI (UL94-V0)

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE
(0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE
(0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE
(0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

DETAIL A
SCALE = 6X

.016±.002

SECTION B-B

5/8 - 27 UNS-2A THREAD

Ø 1.375±.020

.521 MAX

.245±.005

(.070)

.115±.005

(.987 LIP LEG)

(1.069)

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

tyco / Electronics Attleboro Falls Massachusetts 02763

DRAWN BY: E.TAO DATE: 10/5/04 MATERIAL: SEE NOTE

ENGINEER: B.PETROCELLI DATE: 10/13/04 FINISH: SEE NOTE

FILENAME PROJECT SYSTEM

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

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

TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)

PART NO: 6-1542000-5 SHEET: 1 OF 1

DIMENSIONS ARE IN: INCHES SCALE: 1.25:1 DWG. NO. C-6-1542000-5 REV: A

TNRD ANGLE PROJECTION

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE (0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE (0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE (0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE (0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

2 5-FIN HS: 1.375 DIA.
0.651 HT.

1 2-LEG CLIP SIZE: 25mm

3

DETAIL A
SCALE = 6X

SECTION B-B

5/8 - 27 UNS-2A
THREAD

1.069

.115±.005

.245±.005

.521 MAX

(.070)

(.987 LIP LEG)

Ø 1.375±.020

B

A

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

tyco / Electronics Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .

.XXX ± .

.XXXX ± .

ANGLES ± °

DRAWN BY: E.TAO

DATE: 10/5/04

ENGINEER: B.PETROCELLI

DATE: 10/13/04

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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

TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)

DIMENSIONS ARE IN: INCHES

SCALE: 1.25:1

SIZE: A

TNRD ANGLE PROJECTION

PART NO: 6-1542000-5

DWG. NO. C-6-1542000-5

SHEET: 1 OF 1

REV: A

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE (0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE (0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE (0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE (0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

2 5-FIN HS: 1.375 DIA.
0.651 HT.

1 2-LEG CLIP SIZE: 25mm

3

DETAIL A
SCALE = 6X

SECTION B-B

5/8 - 27 UNS-2A
THREAD

1.069

.115±.005

.245±.005

.521 MAX

(.070)

(.987 LIP LEG)

Ø 1.375±.020

B

A

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

tyco / Electronics Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .

.XXX ± .

.XXXX ± .

ANGLES ± °

DRAWN BY: E.TAO

DATE: 10/5/04

ENGINEER: B.PETROCELLI

DATE: 10/13/04

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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

TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)

DIMENSIONS ARE IN: INCHES

SCALE: 1.25:1

SIZE: A

TNRD ANGLE PROJECTION

PART NO: 6-1542000-5

DWG. NO. C-6-1542000-5

SHEET: 1 OF 1

REV: A

8 7 6 5 4 3 2 1

A

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE (0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE (0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE (0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE (0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

2 5-FIN HS: 1.375 DIA.
0.651 HT.

1 2-LEG CLIP SIZE: 25mm

3

DETAIL A
SCALE = 6X

SECTION B-B

5/8 - 27 UNS-2A
THREAD

1.069

.115±.005

.245±.005

.521 MAX

.070

.987 LIP LEG

.016±.002

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

tyco / Electronics Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .

.XXX ± .

.XXXX ± .

ANGLES ± °

DRAWN BY: E.TAO

DATE: 10/5/04

ENGINEER: B.PETROCELLI

DATE: 10/13/04

FILENAME: PROJECT: SYSTEM:

MATERIAL: SEE NOTE

FINISH: SEE NOTE

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

TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)

DIMENSIONS ARE IN: INCHES

SCALE: 1.25:1

SIZE: A

TNRD ANGLE PROJECTION

PART NO: 6-1542000-5

DWG. NO. C-6-1542000-5

SHEET: 1 OF 1

REV: A

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0249-04	E.T 10/11/04	B.P 10/13/04
A	ECR-06-024964	E.T 10/30/06	V.K 10/30/06

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:
1.5 POUND-FORCE INCH TORQUE = 8.5 POUND-FORCE
(0.17 NEWTON TORQUE = 37.81 NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.4 POUND-FORCE
(0.23 NEWTON METER TORQUE = 50.71NEWTON)

FULL SIZE LID PACKAGE:
1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE
(0.17 NEWTON TORQUE = 36.92NEWTON)

2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE
(0.23 NEWTON METER TORQUE = 49.38NEWTON)

3. REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.

4. RoHS COMPLIANT AND CERTIFIED.

2 5-FIN HS: 1.375 DIA.
0.651 HT.

1 2-LEG CLIP SIZE: 25mm

3

DETAIL A
SCALE = 6X

SECTION B-B

5/8 - 27 UNS-2A
THREAD

DO NOT SCALE

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	11.90	4.75	3.50	2.50
10 Watts	10.61	4.64	3.26	2.42
15 Watts	9.74	4.46	3.22	2.41

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	INTERFACE	1

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

tyco / Electronics Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± °

DRAWN BY: E.TAO
ENGINEER: B.PETROCELLI
FILENAME: PROJECT: SYSTEM:

DATE: 10/5/04
DATE: 10/13/04

MATERIAL: SEE NOTE
FINISH: SEE NOTE

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

TITLE: 25mm HEATSINK ASSEMBLY (HTS208-P)

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

PART NO: 6-1542000-5
DWG. NO. C-6-1542000-5

SHEET: 1 OF 1
REV: A

8 7 6 5 4 3 2 1

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6-1542000-5](#)