



REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	ECN: 0S60-0009-04	E.T 1/13/04	S.D 1/13/04
B	ECR-06-017841	E.T 7/25/06	V.K 7/25/06

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.

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	---	---	---	---
10 Watts	9.23	4.57	3.15	2.55

SECTION B-B

CUSTOMER DRAWING	
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE	

ITEM	DESCRIPTION	QTY	QTY
1	MOUNTING CLIP	1542026-1	1
2	HEAT SINK	1542551-2	1
3	INTERFACE	1542891-1	1

DO NOT SCALE	tyco Electronics		Attleboro Falls Massachusetts 02763	
	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN BY: S.G	
	.XX ±		DATE 08/06/2001	
	.XXX ±		ENGINEER: C.R	
	.XXXX ±		DATE 08/06/2001	
	ANGLES ± °		MATERIAL: SEE NOTE	
FILENAME		PROJECT	SYSTEM	SEE NOTE
			SOLIDWORK	

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DIMENSIONS ARE IN: INCHES		SCALE: 1.5:1	
THIRD ANGLE PROJECTION		PART NO: 9-1542005-4	
SIZE: A		DWG. NO. C-9-1542005-4	
		SHEET: 1 OF 1	
		REV: B	

Mouser Electronics

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[TE Connectivity:](#)

[9-1542005-4](#)