



REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	ERN: 110986	E.T 9/22/05	B.P 9/27/05
B	ECR-06-020585	E.T 8/29/06	V.K 8/29/06

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.

**CUSTOMER DRAWING**

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY	DO NOT SCALE	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:					
				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN BY:	DATE	MATERIAL:			25mm HEATSINK ASSEMBLY					
				1	MOUNTING CLIP	1	.XX ± .XXX ±		ENGINEER: B.PETROCELLI	9/22/05		SEE NOTE	DIMENSONS ARE IN: INCHES	SCALE: 1:1	PART NO: 3-1542011-8	SHEET: 1 OF 1
				2	HEAT SINK	1	.XXXX ± ANGLES ± °		FILENAME	PROJECT	SYSTEM	FINISH:	SEE NOTE	THIRD ANGLE PROJECTION	SIZE: A	DWG. NO. C-3-1542011-8
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