

REVISION(S)

LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0237-04	E.T 9/23/04	B.P 10/6/04
A	ECR-06-014978	E.T 6/23/06	V.K 6/23/06


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:
- 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.

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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

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: 45mm HEATSINK ASSEMBLY (HTS503-P)			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN BY:		DATE		MATERIAL:		DIMENSIONS ARE IN: INCHES		SCALE: 1.25:1		PART NO: 1542003-5		SHEET: 1 OF 1	
		E.TAO		9/23/04		SEE NOTE									
		ENGINEER:		DATE		FINISH:									
		B.PETROCELLI		10/6/04		SEE NOTE									
.XX ±		FILENAME		PROJECT		SYSTEM		THIRD ANGLE PROJECTION		DWG. NO:		REV:			
.XXX ±										A		C-1542003-5		A	
.XXX ±															
ANGLES ± °															

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