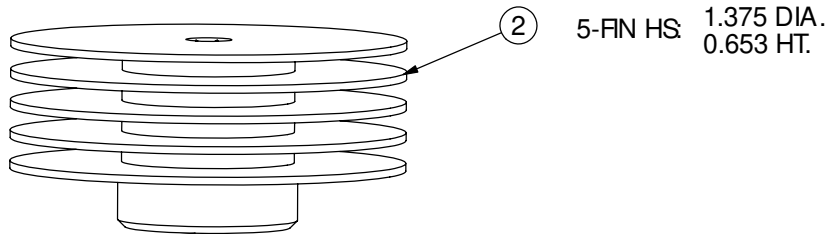


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0242-04	E.T 9/30/04	B.P 10/11/04
A	ECR-06-025921	E.T 11/3/06	V.K 11/3/06



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 = 50.71 NEWTON)

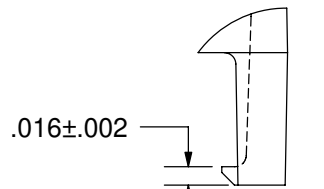
FULL SIZE LID PACKAGE:

1.5 POUND-FORCE INCH TORQUE = 8.3 POUND-FORCE  
(0.17 NEWTON TORQUE = 36.92 NEWTON)

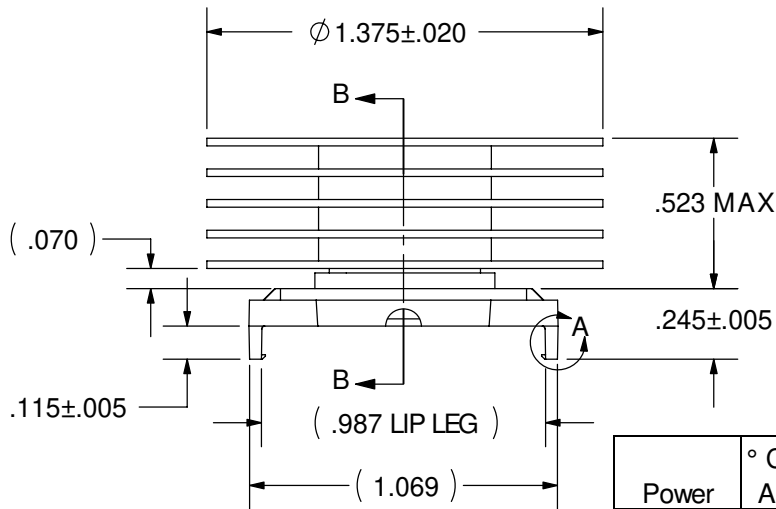
2.0 POUND-FORCE INCH TORQUE = 11.1 POUND-FORCE  
(0.23 NEWTON METER TORQUE = 49.38 NEWTON)

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

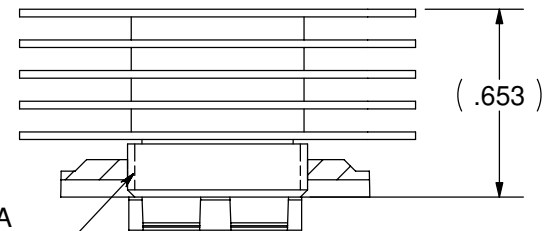
4. RoHS COMPLIANT AND CERTIFIED.



DETAIL A  
SCALE = 6X



5/8 - 27 UNS-2A  
THREAD



SECTION B-B

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 TO LEFANS ARE:    DRAWN BY: E.TAO    DATE: 9/30/04    MATERIAL: SEE NOTE

.XX ± .    ENGINEER: B.PETROCELLI    DATE: 10/11/04    FINISH: SEE NOTE

.XXX ± .    FILENAME:    PROJECT:    SYSTEM:    DIMENSIONS ARE IN: INCHES    SCALE: 1.5:1    PART NO.: 8-1542003-0    SHEET: 1 OF 1

.XXXX ± .    ANGLES ± °    TYPED ANGLE PROJECTION:    SIZE: A    DWG. NO. C-8-1542003-0    REV: A

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TITLE: 25mm HEATSINK ASSEMBLY (HTS655-P)

