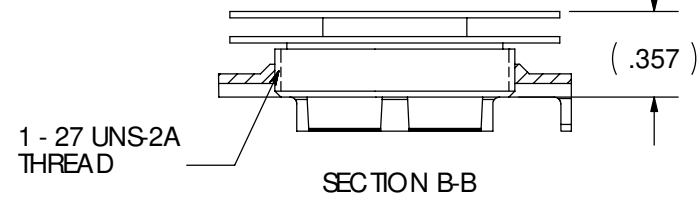
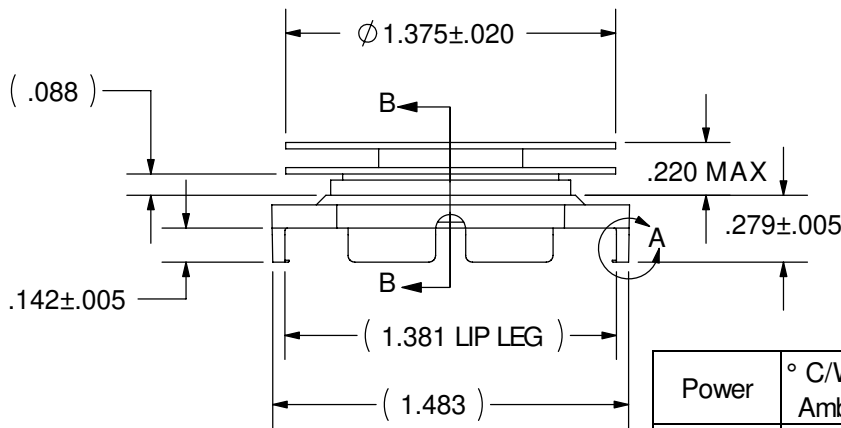
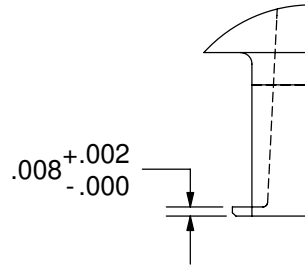
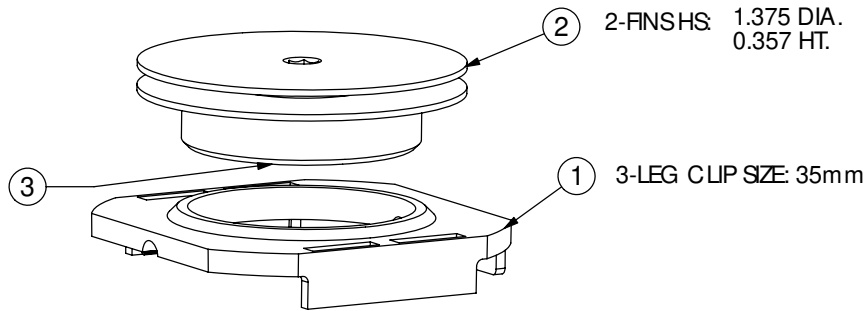


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0192-04	E.T 7/23/04	B.P 7/27/04
A	ECR-06-022996	E.T 10/20/06	V.K 10/20/06



- MATERIAL:  
HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-V0)
- 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 = 7.5 POUND-FORCE (0.17 NEWTON TORQUE = 33.36 NEWTON)  
2.0 POUND-FORCE INCH TORQUE = 10.0 POUND-FORCE (0.23 NEWTON METER TORQUE = 44.48 NEWTON)  
FULL SIZE LID PACKAGE:  
1.5 POUND-FORCE INCH TORQUE = 6.9 POUND-FORCE (0.17 NEWTON TORQUE = 30.69 NEWTON)  
2.0 POUND-FORCE INCH TORQUE = 9.3 POUND-FORCE (0.23 NEWTON METER TORQUE = 41.37 NEWTON)
- REMOVE CLIP WITH REMOVAL TOOL P/N: 1542616-1.
- RoHS COMPLIANT AND CERTIFIED.

Power	° C/W @ Ambient	° C/W @ 200 LFM	° C/W @ 400 LFM	° C/W @ 600 LFM
5 Watts	12.04	6.32	4.30	3.00
10 Watts	10.94	6.44	4.49	3.24
15 Watts	10.07	6.44	4.59	3.26

**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 LEFANCES ARE:    DRAWN BY: E.TAO    DATE: 7/23/04    MATERIAL: SEE NOTE

.XX ± .    ENGINEER: B.PETROCELLI    DATE: 7/27/04    FINISH: SEE NOTE

.XXX ± .    FILENAME:    PROJECT:    SYSTEM:    DIMENSIONS ARE IN: INCHES    SCALE: 1.25:1    PART NO.: 5-1542009-5    SHEET: 1 OF 1

.XXX ± .    ANGLES ± \*    THIRD ANGLE PROJECTION    SIZE: A    DWG. NO.: C-5-1542009-5    REV: A

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TITLE: 35mm HEATSINK ASSEMBLY