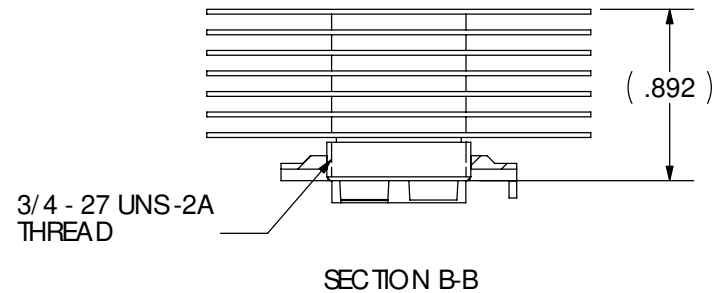
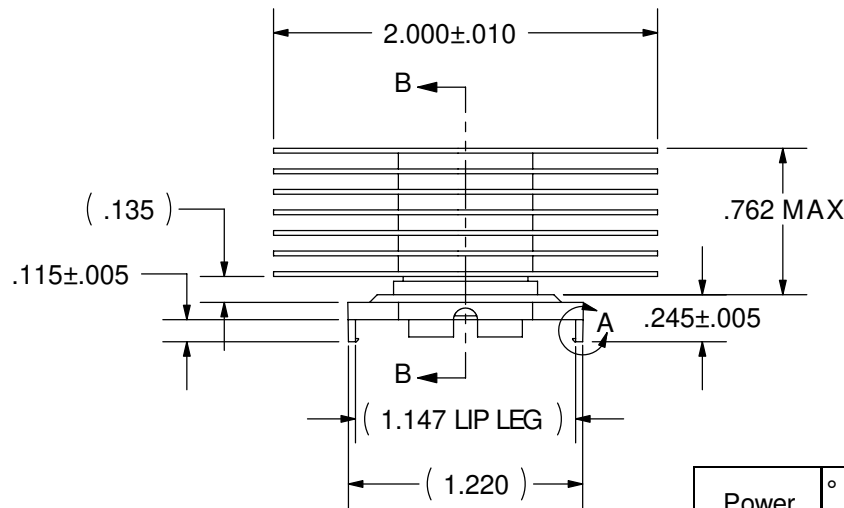
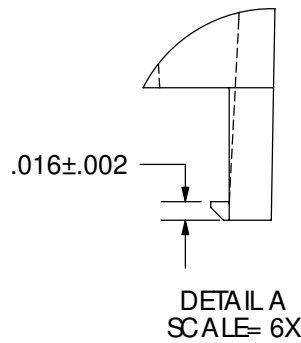
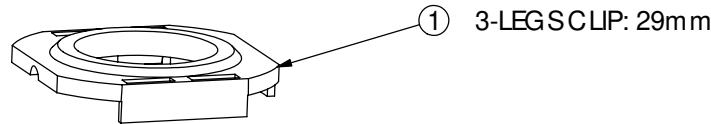
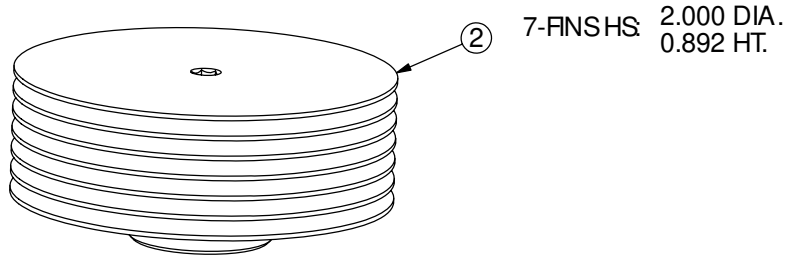


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
A	NEW RELEASE	E.T 10/15/01	S.G 10/15/01
B	ECN:0S60-0038-04	E.T 02/09/04	B.P 02/09/04
C	ECN:0S60-0039-04	E.T 02/10/04	B.P 02/10/04
D	ECR-06-013921	E.T 6/19/06	V.K 6/20/06



- MATERIAL:  
HEAT SINK: ALUM. (BLACK ANODIZE)  
CLIP: BLACK PEI (UL94-VO)
- 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
20 Watts	---	----	1.56	1.36

### CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
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DO NOT SCALE

**tyco** / Electronics    Attleboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TO LEFANGES ARE:

DRAWN BY: E.TAO	DATE: 01/15/01	MATERIAL: SEE NOTE
ENGINEER: SG	DATE: 01/15/01	FINISH: SEE NOTE
FILENAME	PROJECT	SYSTEM

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TITLED: 29mm HS ASSY (HTS804-U)

DIMENSIONS ARE IN: INCHES    SCALE: 1:1    PART NO.: 7-1542006-8

TYPED ANGLE PROJECTION:    SIZE: A    DWG. NO.: C-7-1542006-8    SHEET: 1 OF 1    REV: D