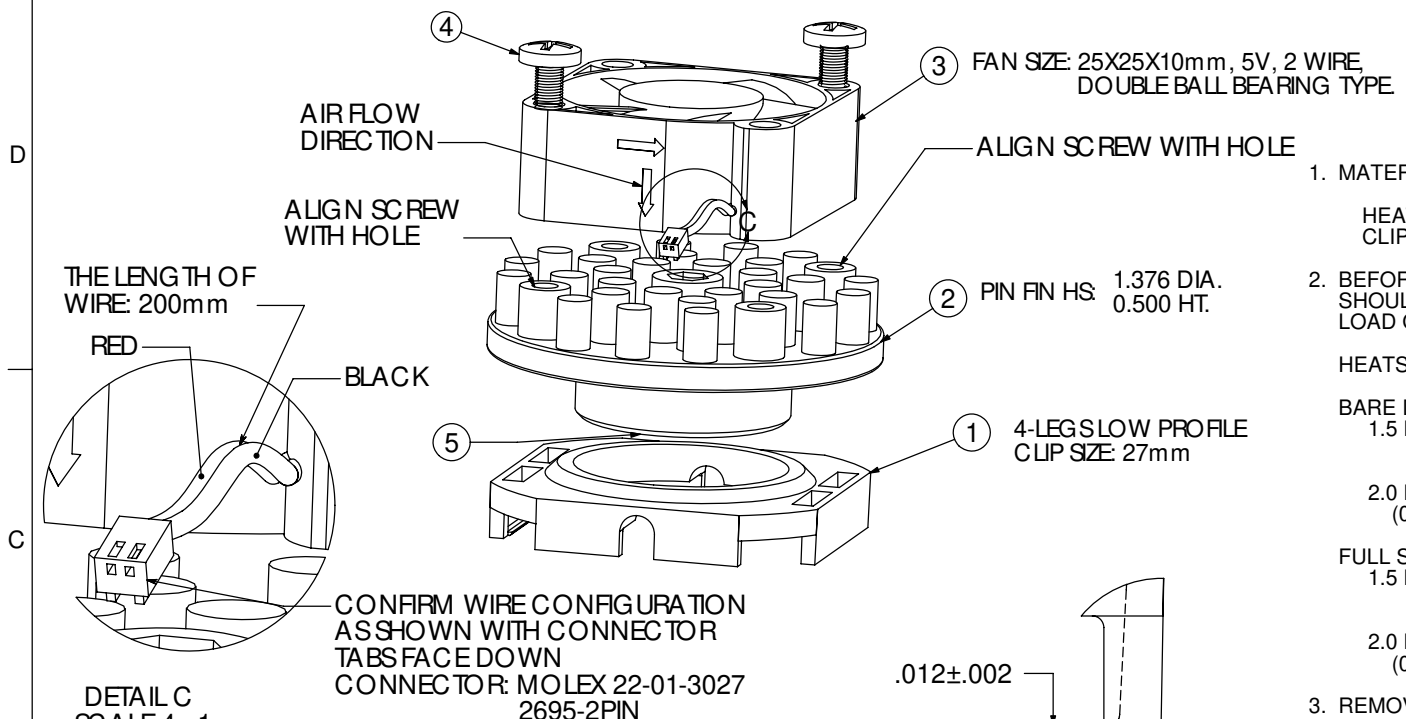


REVISION(S)			
LTR	DESCRIPTION	INIT	APP'D
O	ECN: 0S60-0121-04	E.T 5/5/04	B.P 5/7/04
A	ECN: 0S60-0060-05	E.T 2/28/05	B.P 6/15/05
B	ECR-06-021171	E.T 9/26/06	V.K 9/26/06



- 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.

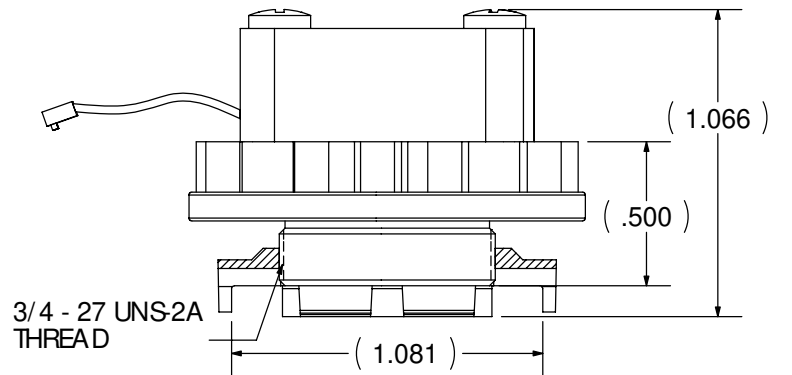
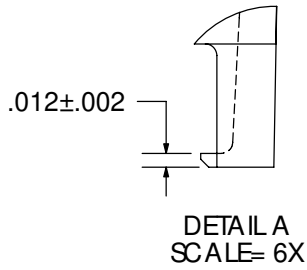
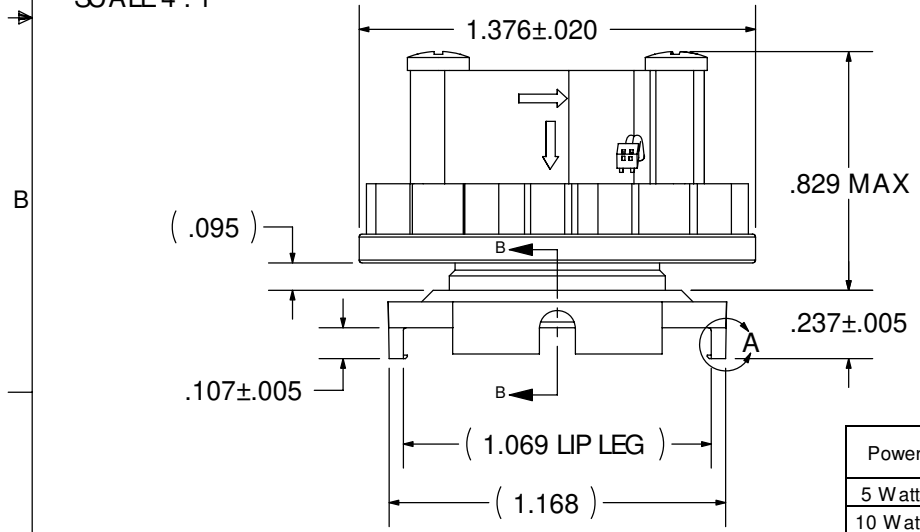
HEATSINK TORQUE SPECIFICATIONS CONVERTED TO FORCE.

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	WITH FAN
5 Watts	12.44	7.13	5.19	3.85	3.64
10 Watts	11.06	7.11	5.06	3.68	3.45
15 Watts	10.08	6.93	4.95	3.60	3.36

CUSTOMER DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

ITEM	DESCRIPTION	QTY
1	MOUNTING CLIP	1
2	HEAT SINK	1
3	FAN	1
4	SCREWS	2
5	INTERFACE	1

tyco Electronics
Atteboro Falls Massachusetts 02763

UNLESS OTHERWISE SPECIFIED TO LEF RANGES ARE:
.XX ± .
.XXX ± .
.XXXX ± .
ANGLES ± *

DO NOT SCALE

DRAWN BY: ETAO
ENGINEER: B.PETROCELLI
DATE: 5/5/04
DATE: 5/7/04

MATERIAL: SEE NOTE
FINISH: SEE NOTE

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TITLE: 27mm PIN FIN HEATSINK ASSEMBLY (HTS475B-U)

PART NO.: 4-1542005-5
DWG. NO.: C-4-1542005-5

SHEET: 1 OF 1
REV: B

DIMENSIONS ARE IN: INCHES
SCALE: 1.5:1
SIZE: A

TRIP ANGLE PROJECTION