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REV	DESCRIPTION	DRAWN	APPROVED	DATE
A	INITIAL RELEASE	JP	JM	3/20/2020

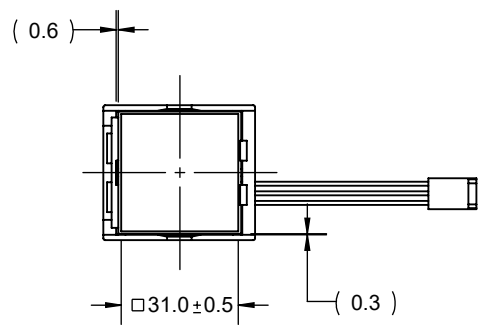
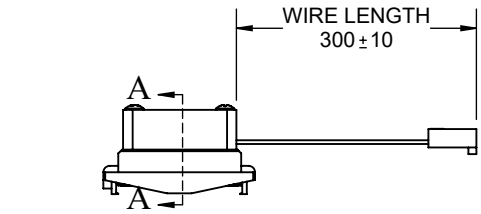
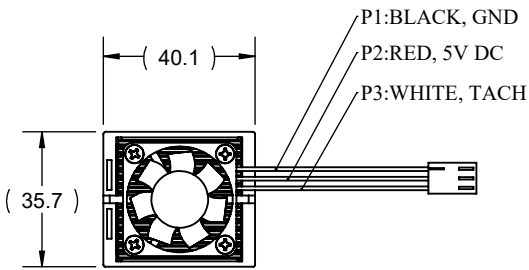
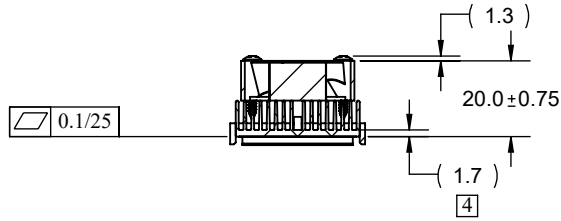
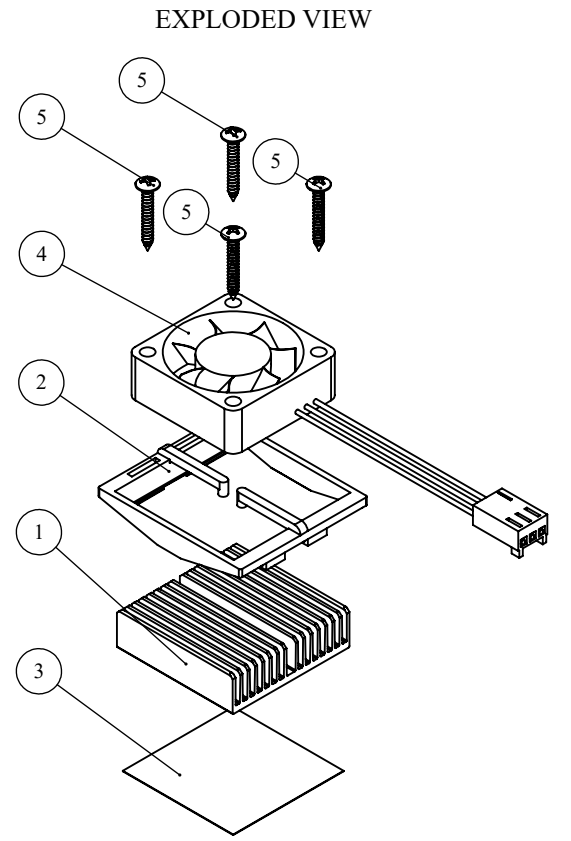


TABLE 1		
PLEASE NOTE: BASE THICKNESS CAN BE MODIFIED TO ANY THICKNESS BETWEEN 1 TO 1.7 TO ACCOMMODATE PRACTICALLY ANY CHIP SIZE. CHIP SIZE DOES NOT INCLUDE SOLDER BALLS HEIGHT.		
CLIP COLORS	MIN - MAX CHIP THICKNESS	
(O) ORANGE	0.9 - 1.4 MM	
(B) BLUE	1.5 - 2.0 MM	
(Y) YELLOW	2.1 - 2.6 MM	
EXAMPLE PART NUMBERS		
PART NUMBER	DESCRIPTION	CHIP THICKNESS RANGE
FJ33/1.4+Y+T725	MODIFIED BASE THICKNESS TO 1.4MM. HAS A YELLOW CLIP AND T725 TIM	2.4 - 2.9 MM
FJ33+3M8815	HEATSINK AND FAN WITH 3M8815 THERMAL TAPE. NO CLIP REQUIRED.	ANY CHIP SIZE




SECTION A-A

- NOTES:
- CUSTOMER TO SPECIFY COMPLETE PART NUMBER. SEE "EXAMPLE PART NUMBERS" TABLE FOR PART NUMBER CONVENTIONS.
  - IF BASE THICKNESS IS MODIFIED, RE-ANODIZATION NOT REQUIRED.
  - FAN AND SCREWS ARE SHOWN FOR ILLUSTRATION PURPOSE ONLY, ACTUAL PARTS MAY LOOK DIFFERENT.
  - 4] DEFAULT BASE THICKNESS. IF MODIFICATION IS REQUIRED, CANNOT BE REDUCED TO LESS THAN 1MM.
  - PART TO BE RoHS COMPLIANT.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	INL33001-10/1.7	33MM BGA HEATSINK, PLATE FIN	1
2	BCP4036-08{33}COLOR	33MM EZ SNAP CLIP	1
3	OPTIONAL	TIM PAD 31X31 MM OR FULL COVERAGE	1
4	HS8108	5V DC FAN 30X30X10 MM WITH CONNECTOR	1
5	93406A083	#2 X 5/8 TRUSS HEAD SCREW OR EQUIVALENT	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM  
TOLERANCES ARE:  
1 PLACE DECIMALS: ± 0.25  
2 PLACE DECIMALS: ± 0.10  
ANGLES: ± 1°

APPROVALS	DATE	 <b>RADIAN HEATSINKS</b> RADIAN THERMAL PRODUCTS, INC. 2160 WALSH AVE SANTA CLARA, CA 95050
DRAWN JPOLLARD	3/19/2020	
CHECKED JMORENO	3/20/2020	<b>33MM BGA FANSINK</b>
ENGINEER JPOLLARD	3/20/2020	
THIRD ANGLE PROJECTION		SIZE DWG. NO.
SHEET 1 OF 1		FJ33
REV. A		DATE