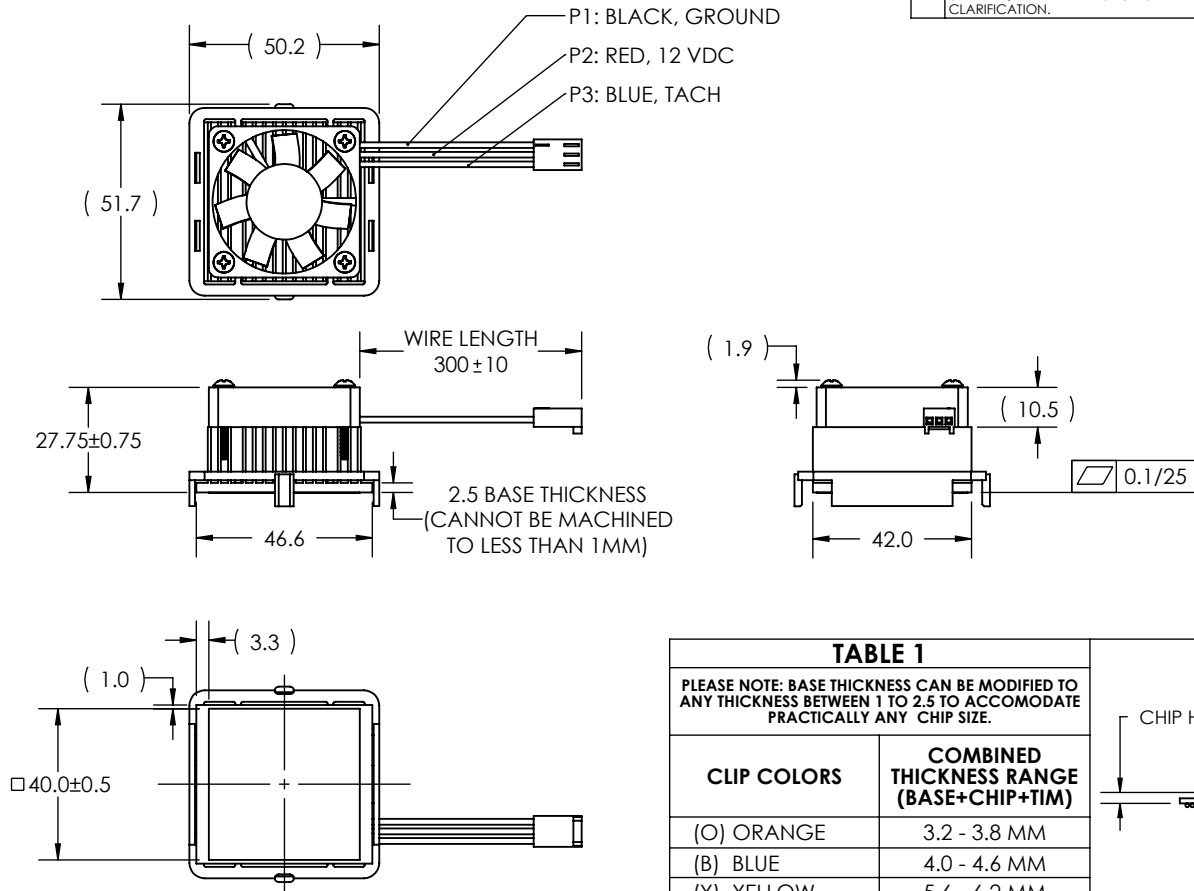
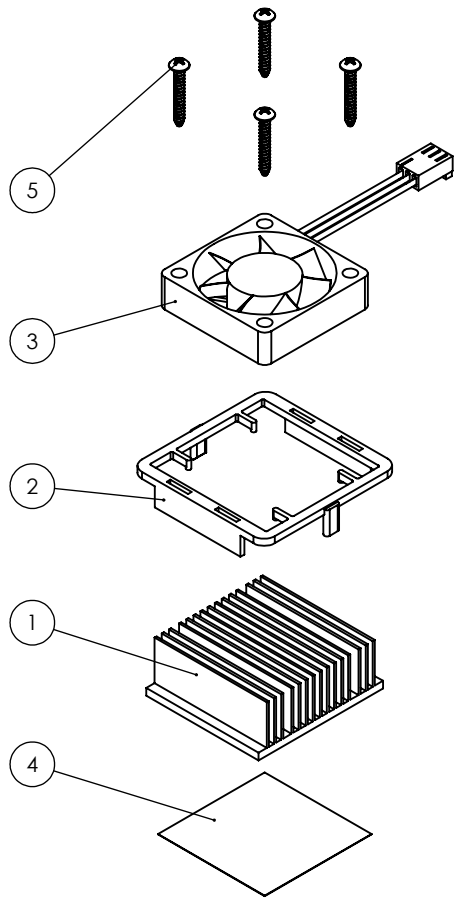


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EXPLODED VIEW



REV	DESCRIPTION	APPROVED	DATE
A	INITIAL RELEASE	AS	6/7/2017
B	UPDATED PER ECN1710231: HEATSINK WAS UPDATED, ADDED TABLES FOR ORDERING CLARIFICATION.	AS	10/23/2017

- 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 AS ILLUSTRATION ONLY; ACTUAL PARTS MAY LOOK DIFFERENT.
 - PART TO BE RoHS COMPLIANT.

TABLE 1		CHIP HEIGHT EXCLUDES BALL SIZE
CLIP COLORS	COMBINED THICKNESS RANGE (BASE+CHIP+TIM)	
(O) ORANGE	3.2 - 3.8 MM	
(B) BLUE	4.0 - 4.6 MM	
(Y) YELLOW	5.6 - 6.2 MM	

EXAMPLE PART NUMBERS		
PART NUMBER	DESCRIPTION	CHIP THICKNESS RANGE
* FA47.5/2.2+Y+T725	MODIFIED BASE THICKNESS TO 2.2MM. HAS A YELLOW CLIP AND T725 TIM	3.3 - 3.9 MM
FA47.5+3M8815	HEATSINK AND FAN WITH 3M8815 THERMAL TAPE. NO CLIP REQUIRED.	ANY CHIP SIZE

*WHEN A SLASH AND NUMBER IS ADDED AFTER FA47.5, THE NUMBER SPECIFIES NEW BASE THICKNESS.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	HS10000	HEATSINK, PLATE FIN, 42 X 46.6 X 17.25MM	1
2	BCP50-09(47.5)COLOR (SEE TABLE 1)	EZ SNAP CLIP, 47.5MM BGA	1
3	HS8072	40X40X10MM FAN, 12 VDC WITH 3 PIN CONNECTOR	1
4	OPTIONAL	CHOMERICS T725 PAD 40X40 MM OR FULL COVERAGE	1
5	4N75PPBZB	#4 X 3/4 PHIL PAN TYPE B SMS BLK (RoHS)	4

MATERIAL	APPROVALS	DATE	RADIAN HEATSINKS RADIAN THERMAL PRODUCTS, INC. 2160 WALSH AVE SANTA CLARA, CA 95050
FINISH	DRAWN	11/16/2017	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE: 1 PLACE DECIMALS: ± 0.25 2 PLACE DECIMALS: ± 0.10 ANGLES: ± 1°	CHECKED	11/16/2017	
	ASHARMA MFG ENG		
THIRD ANGLE PROJECTION	QUAL ENG.		47.5MM BGA FANSINK SIZE DWG. NO. FA47.5
	SHEET 1 OF 1		REV. B