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REV	DESCRIPTION	DRAWN	APPROVED	DATE
A	INITIAL RELEASE	KH	JP	1/11/2021
B	ECN2102082: CORRECTION TO PART NUMBERS FOR ITEMS 1 AND 2. CORRECTION TO ITEM 5 DESCRIPTION. CORRECTION TO REF DIMENSION AND EXPLODED VIEW	JP	WR	2/8/2021
C	ECN2110211: CHANGE TO ASSEMBLY SCREWS AND CHANGE TO ASSOCIATED SECTION VIEW	JP	WR	10/21/2021

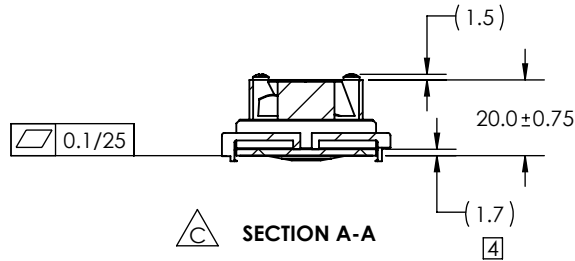
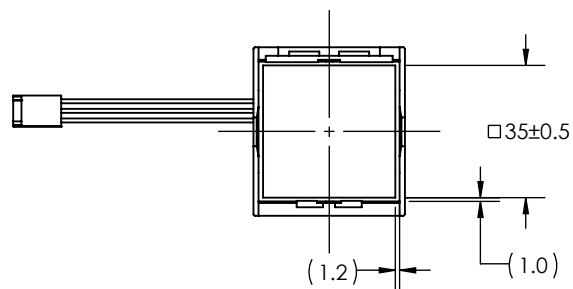
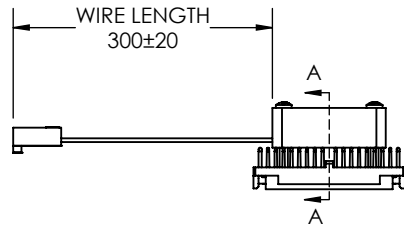
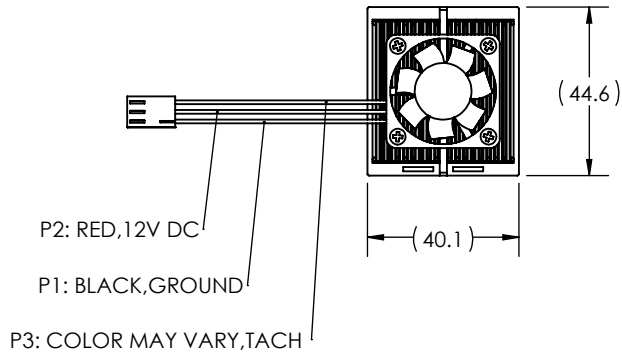
TABLE 1

PLEASE NOTE: BASE THICKNESS CAN BE MODIFIED TO ANY THICKNESS BETWEEN 1 TO 1.7 TO ACCOMODATE 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

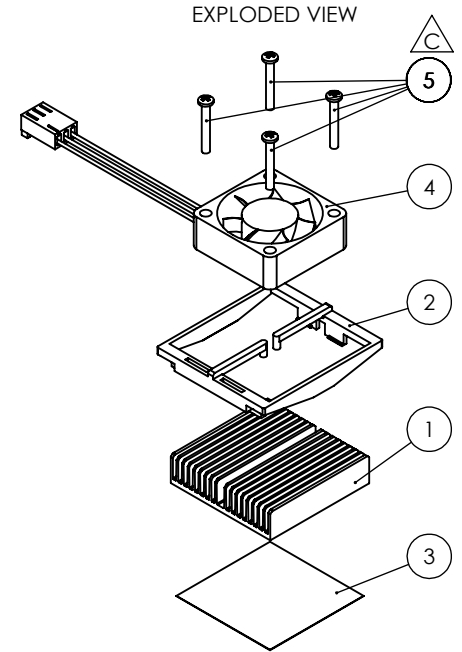
EXAMPLE PART NUMBERS

PART NUMBER	DESCRIPTION	CHIP THICKNESS RANGE
FI37.5/1.4+Y+T725	MODIFIED BASE THICKNESS TO 1.4MM. HAS A YELLOW CLIP AND T725 TIM	2.4 - 2.9 mm
FI37.5+3M8815	HEATSINK AND FAN WITH 3M8815 THERMAL TAPE. NO CLIP REQUIRED.	ANY CHIP SIZE



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.
- 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	INL37.5001-10/1.7	37.5mm PLATE FIN HEAT SINK	1
2	BCP4540-08(37.5)COLOR	OPTIONAL 37.5mm LOW PROFILE CLIP	1
3	OPTIONAL	THERMAL PAD 35X35 mm OR FULL COVERAGE	1
4	HS8107	12V 30X30X10 mm DC FAN W/CONNECTOR	1
5	2N62PPBS	#2 X 5/8 STAINLESS STEEL SELF TAPPING SCREW OR EQUIVALENT	4

MATERIAL	APPROVALS	DATE
<del>FINISH</del>	DRAWN KHSIN	7/13/2020
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm TOLERANCES ARE: 1 PLACE DECIMALS: ± 0.25 2 PLACE DECIMALS: ± 0.10 ANGLES: ± 1°	CHECKED WRAFAEL	2/8/2021
	MFG ENG	
	QUAL ENG.	
THIRD ANGLE PROJECTION	SHEET 1 OF 1	

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**37.5mm BGA FANSINK**

SIZE DWG. NO. FI37.5