REV	DESCRIPTION	DRAWN	APPROVED	DATE
A	INITIAL RELEASE	CT	WR	12/6/2019
B	ECN2103111: ITEM 4 PART NUMBER CORRECTED TO 12V FAN	JP	WR	3/11/2021

P1: BLACK, GND
P2: RED, 12V DC

(26.70)
(31.10)

WIRE LENGTH 300±20

A
A

□ 22.0±0.5

(0.7)
(0.8)

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
FI24/1.4+Y+T725	MODIFIED BASE THICKNESS TO 1.4MM. HAS A YELLOW CLIP AND T725 TIM	2.4 - 2.9 MM
FI24+3M8815	HEATSINK AND FAN WITH 3M8815 THERMAL TAPE. NO CLIP REQUIRED.	ANY CHIP SIZE

(1.5)
15.9±0.75
0.1/25
1.7 [4]

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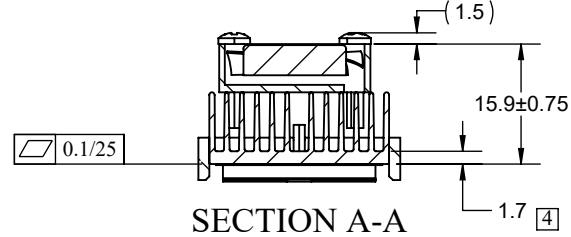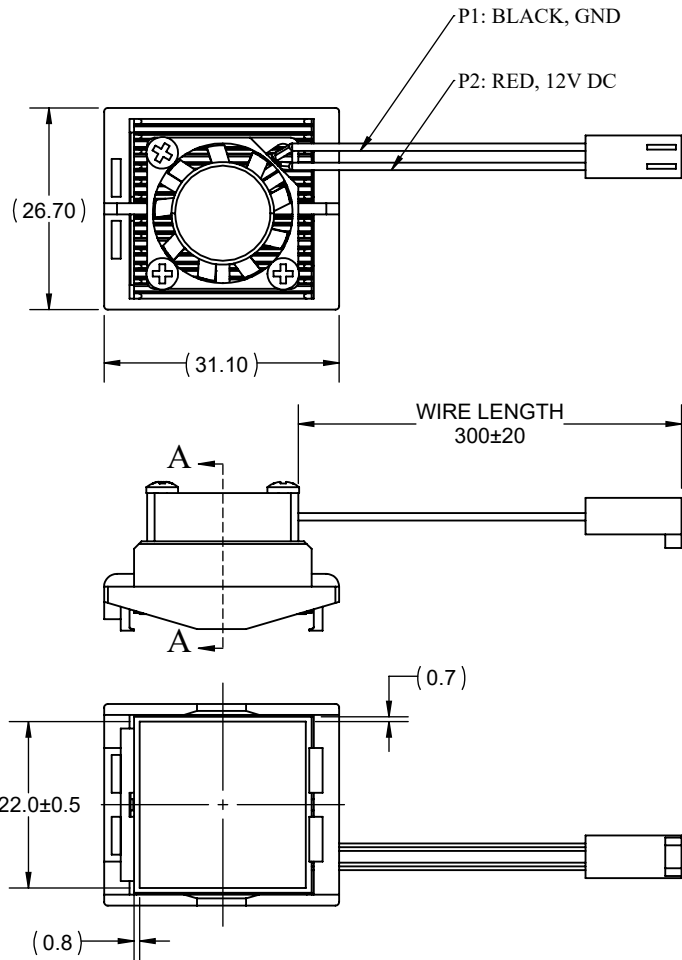
NOTES:
1. CUSTOMER TO SPECIFY COMPLETE PART NUMBER. SEE "EXAMPLE PART NUMBERS" TABLE FOR PART NUMBER CONVENTIONS.
2. IF BASE THICKNESS IS MODIFIED, RE-ANODIZATION NOT REQUIRED.
3. FAN AND SCREWS ARE SHOWN FOR ILLUSTRATION PURPOSE ONLY, ACTUAL PARTS MAY LOOK DIFFERENT.
[4] DEFAULT BASE THICKNESS. IF MODIFICATION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

EXPLODED VIEW
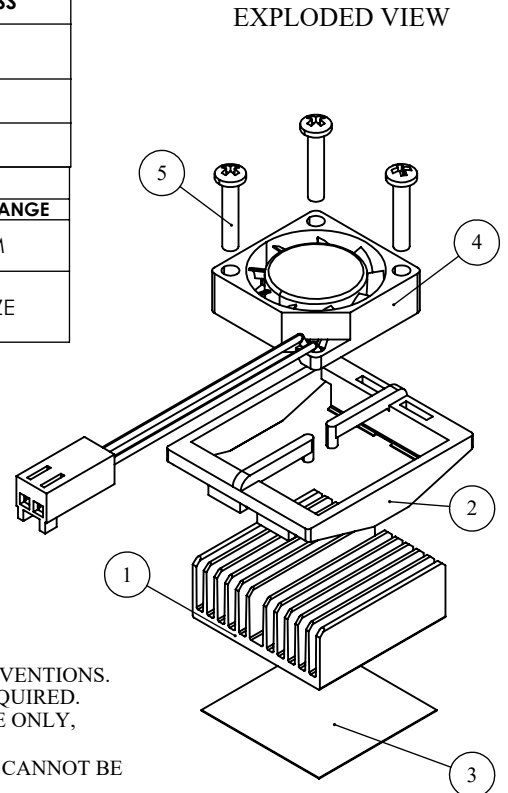
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	INL24001-10/1.7	24 MM PLATE FIN HEAT SINK	1
2	BCP3127-08(24) COLOR SEE TABLE	24MM EZ-SNAP CLIP	1
3	OPTIONAL	22X22 PAD OR FULL COVERAGE	1
4	R2006H12S	20MM 12V DC FAN WITH CONNECTOR	1
5	2N43PPBZB	#2 X 7/16 PHIL PAN SMS BLK (RoHS)	3

APPROVALS	DATE		RADIAN HEATSINKS
DRAWN			RADIAN THERMAL PRODUCTS, INC.
CTOLENTINO	12/6/2019		2160 WALSH AVE
CHECKED			SANTA CLARA, CA 95050
WRAFAEL	12/6/2019		
ENGINEER			24 MM BGA FANSINK
WRAFAEL	12/6/2019		

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

THIRD ANGLE PROJECTION

SHEET 1 OF 1

SIZE A
DWG. NO. FI24
REV. B