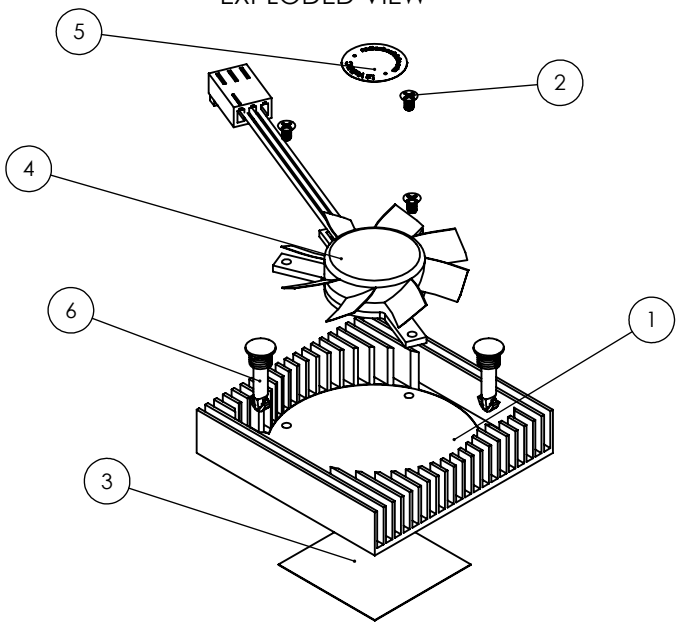
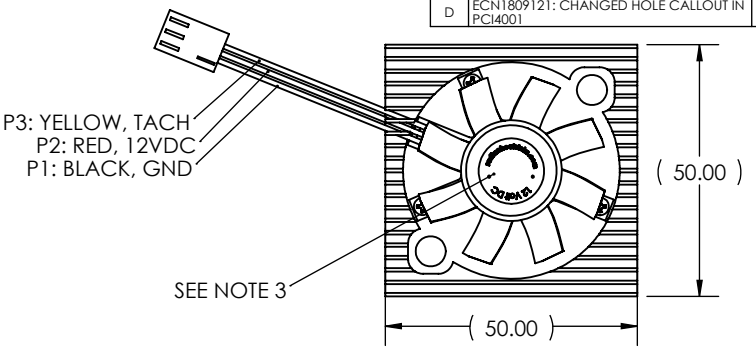
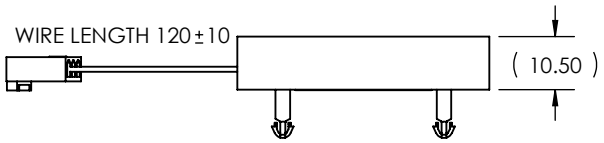
REV	DESCRIPTION	DRAWN	APPROVED	DATE
A	INITIAL RELEASE	KP	AS	11/15/17
B	UPDATED PER ECN1711172: UPDATED NOTES 1 & 2 AND THE TABLE	AG	AS	11/17/17
C	UPDATED PER ECN1802131: UPDATED THE TABLE WITH SPRING, CHANGED THERMAL PAD, MODIFIED RADIAN LABEL DESCRIPTION, ADDED NOTES 4,5&6	AG	AS	4/20/18
D	ECN1809121: CHANGED HOLE CALLOUT IN PCI4001	AG	AV	9/14/18

EXPLODED VIEW







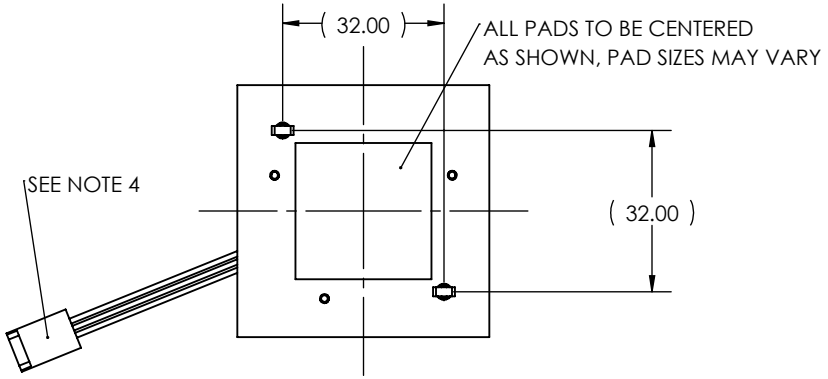


TABLE 1: COMPLETE PART NUMBER WITH OPTIONS

ROOT	PUSH PIN	THERMAL PAD
SZ12S	NONE	NONE OR PXXXX OR 3M8815 (FULL COVERAGE)
	B (BRASS PUSHPIN) - HS8097SP029	NONE OR PXXXX OR P1814 (LAIRD T-MATE 2905c PHASE CHANGE 27X27 MM)
	P (PLASTIC PUSHPIN)- HS8143	
EXAMPLE PART NUMBER: SZ12S+B+P1814		

C

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PCI4001	50X50X10.5MM ALUMINUM PCI HEAT SINK	1
2	91771A164	18-8 STAINLESS STEEL FLATHEAD SCREW 1/8"	3
3	SEE TABLE 1	THERMAL PAD	1
4	HS8244	∅38MM 12V DC FAN WITH CONNECTOR	1
5	HS8249	RADIAN LABEL-12V DC	1
6	SEE TABLE 1	PUSH PIN	2

D

C

NOTES:
1. APPLY LOCTITE 222 PURPLE THREADLOCKER TO ITEM 2 BEFORE ASSEMBLING.
2. ITEM 2 CANNOT PROTRUDE BEYOND BOTTOM OF BASE.
3. RADIAN LABEL TO BE PLACED ON TOP OF FAN, VISUAL OF LABEL WILL VARY.
4. MOLEX CONNECTOR 22-01-3037.
5. RECOMMENDED HOLE ON PCB:
   3.2MM FOR PLATIC PUSHPIN,
   3.0MM FOR BRASS PUSHPIN.
6. FAN MODEL IS FOR ILLUSTRATION ONLY, ACTUAL PART MAY VARY.
   ROUTE WIRE THROUGH AVAILABLE FIN GAPS
7. PART TO BE RoHS COMPLIANT.

C

MATERIAL	APPROVALS	DATE
FINISH	DRAWN KPINHEIRO	9/22/2017
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN **MM** TOLERANCES ARE: 1 PLACE DECIMALS: ± 0.25 2 PLACE DECIMALS: ± 0.10 ANGLES: ± 1°	CHECKED AVALLE	9/19/2018
	MFG ENG	
	QUAL ENG.	
THIRD ANGLE PROJECTION	SHEET 1 OF 1	

RADIAN HEATSINKS
RADIAN THERMAL PRODUCTS, INC.
2160 WALSH AVE
SANTA CLARA, CA 95050

50X50X10.5MM ALUMINUM PCI FANSINK 12V

SIZE	DWG. NO.	REV.
A	SZ12S	D