

RECEIVER MODULE, HEADER, AND SHROUD ASSEMBLY (FOR CUSTOMER MOUNTED PCB) • PART # 510 109 315
192 POSITION QUADRAPADDLE RECEIVER SIGNAL MODULE, RIGHT ANGLE CONTACTS
FOR PCB MOUNTING • PART # 510 150 152

³/₃₂ Allen Wrench

1. Solder header to PCB (IPC-A-610 standard recommended for PCB design). PCB must be manufactured with header installation area complying with recommended PCB layout as shown in **Figure 14-A**.
2. Fasten shroud assembly to PCB using two 2-56 x .25 screws.
3. Using the supplied $\frac{3}{32}$ " Allen Wrench, install the Receiver module into the Receiver frame with the two 4-40 x $\frac{1}{4}$ " screws. Note that screw will extend approximately .75" to 1.0" beyond the rear of the Receiver frame. Ensure that Pin 1 is located at the top of the Receiver frame.
4. Access the rear of the Receiver frame and install the 4-40 stand-offs to the 4-40 X $\frac{1}{4}$ " module retaining screws according to **Table 7**.

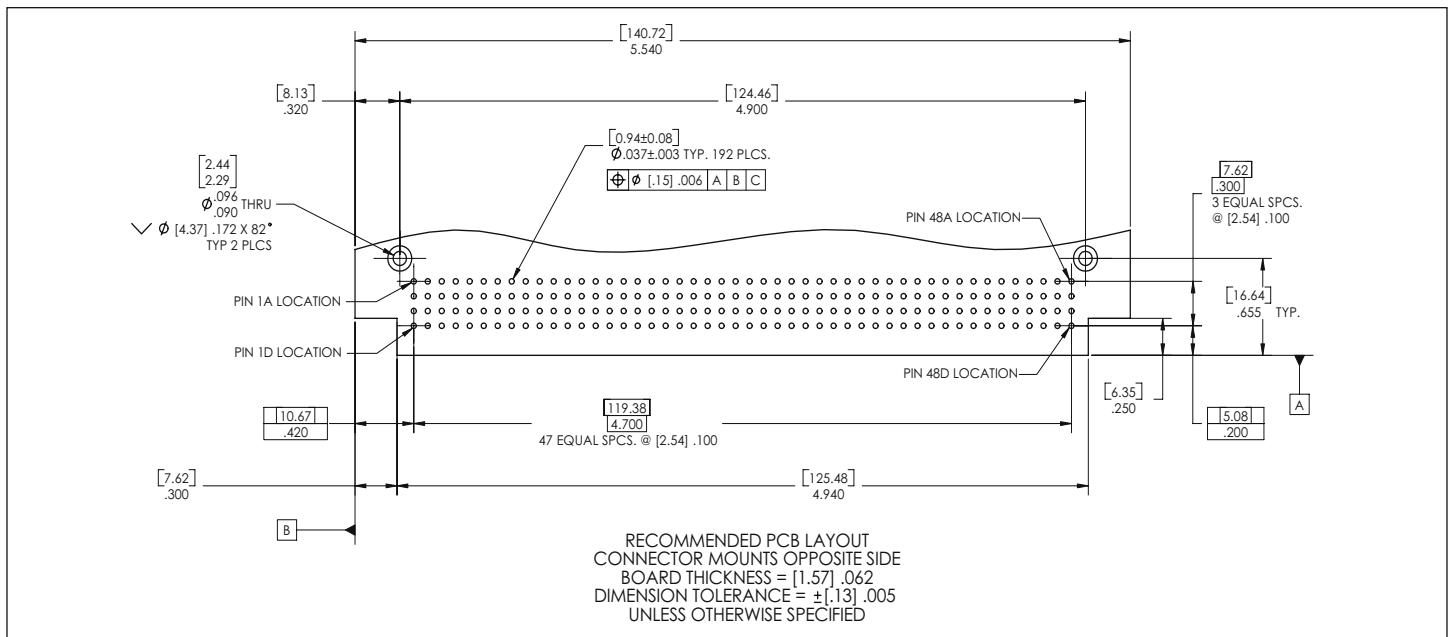


Figure 14-A.

RECEIVER FRAME STYLE	RECEIVER FRAME THICKNESS	STAND-OFF CONFIGURATION	ITEMS TO BE USED
9025, 9050, 9075, S6 and G12	0.545	1/8" stand-off per mounting screw	Item ❶
Small 90 Series (3,6,10), G2, G6, G10, and G18 (NON-PCB)	0.365	5/16" stand-off per mounting screw	Item ❷
G10 (PCB) and G18 (PCB)	0.250	Both 1/8" and 5/16" stand-off per mounting screw	Item ❶ ❷

Table 7.

PCB ADAPTER MOUNTING AND REMOVAL

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5. Align the PCB shroud assembly's two threaded retaining sockets with the 4-40 x 1/4" module retaining screws with stand-offs installed (**See Figure 15-A**). Ensure that Pin 1 on the adapter corresponds with Pin 1 on the module.
6. Using the $\frac{3}{32}$ " Allen Wrench, carefully install the PCB adapter by tightening the retaining sockets, turning each no more than $1\frac{1}{2}$ to 2 revolutions before alternating to the other socket. Repeat this step until the PCB adapter is firmly engaged with the Receiver module, taking care not to over-tighten.
7. To remove the PCB Adapter from the Receiver frame and module, use the same alternating method of $1\frac{1}{2}$ to 2 turns with the $\frac{3}{32}$ " Allen Wrench until PCB Adapter is fully disengaged.

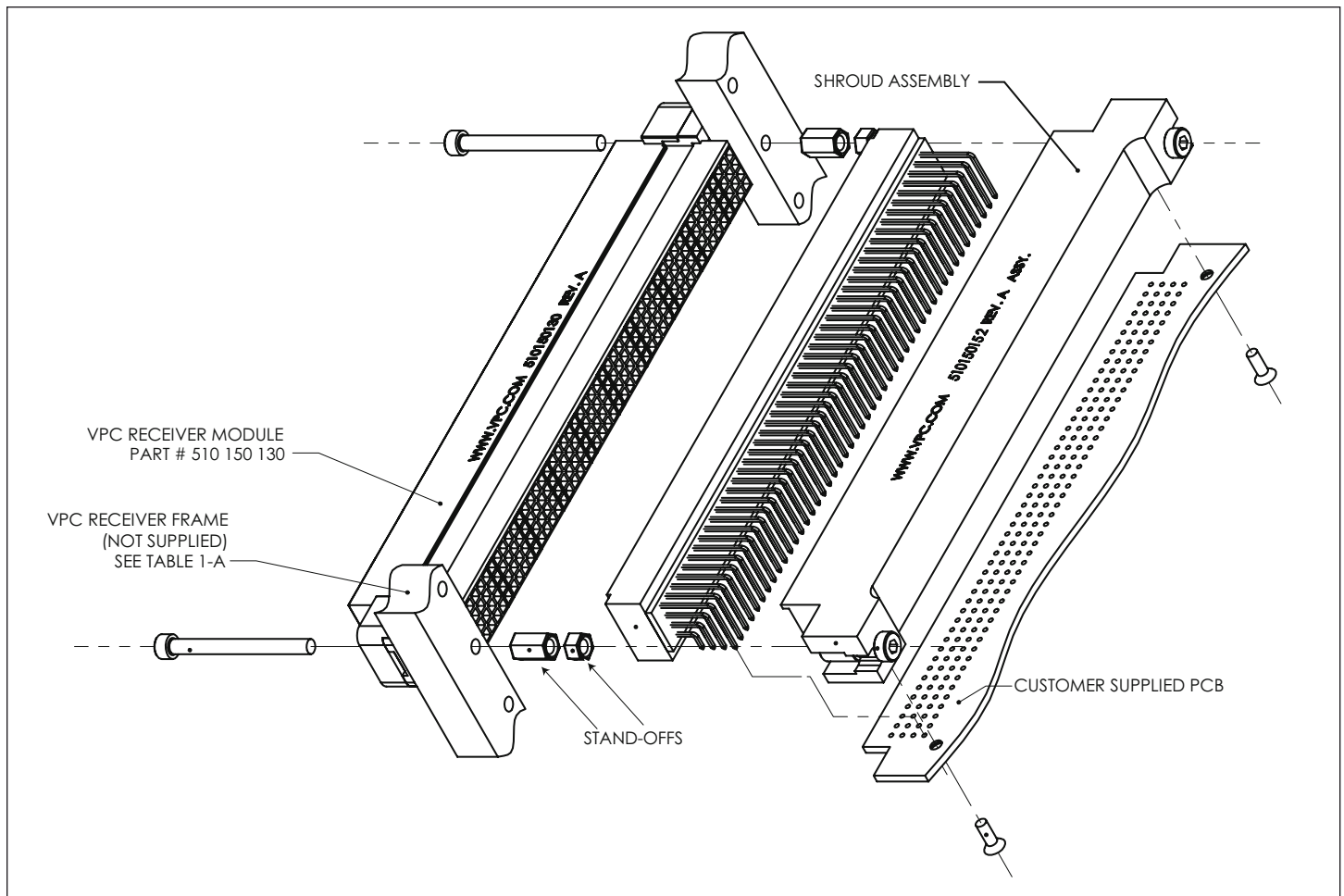


Figure 15-A. A $\frac{3}{32}$ Allen Wrench is included with Part # 510 150 152.