



**VHDM Power Insulator
Replacement Inserts
Instruction Sheet
Order No. 62100-3500 & 62100-3600**

FEATURES

The VHDM Power Insulator Replacement Inserters are used to insert a replacement power insulator onto the contacts on a printed circuit board. The 62100-3500 is for the 6-row insulators (P.N. 74029-6000 or 74029-6050) and the 62100-3600 is for the 8-row insulators (P.N. 74029-8000 or 74029-8050). Figure 1 shows the two inserts. Also shown in Figure 1 is a plastic hammer and a slip joint pliers, which are needed but not supplied by Molex.

REMOVAL OPERATION:

To remove a damaged power insulator, grip the ends with the pliers and work it loose from the contacts as shown in Figure 2. Take care not to damage the contacts.



Figure 2-Insulator Removal

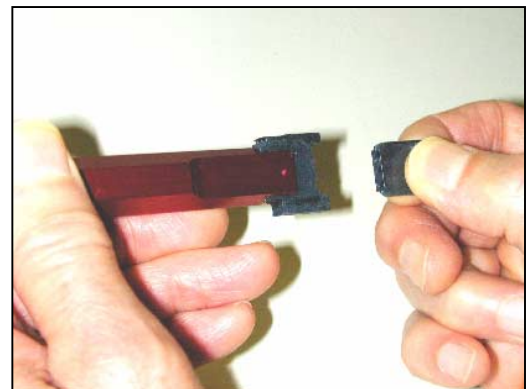


**Figure 1-TOOLS NEEDED
(From Left To Right: 6-Row
Inserter, 8-Row Inserter, Slip
Joint Pliers, Plastic Hammer)**

REPLACEMENT OPERATION:

To install the new power insulator, use the following procedure:

1. Load the new power insulator into the correct size tool (6 or 8-Row) as shown in Figure 3.



**Figure 3
Loading an Insulator into**

2. Make sure the insulator is oriented correctly. See Figure 4.
3. Carefully position the insulator on the contacts and slowly apply pressure until the insulator is fully seated flush with the printed circuit board.
NOTE: If necessary, the plastic hammer can be used to aid in seating the insulator as shown in Figure 5.
4. Inspect the backplane power assembly for proper seating and to insure that there is no damage. The final assembly should appear as shown in Figure 6.

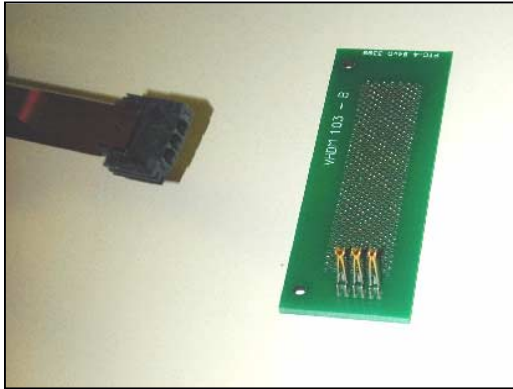


Figure 4
Orientation Of Insulator

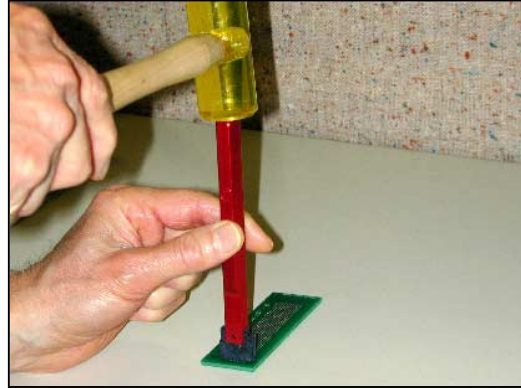


Figure 5
Seating the Insulator

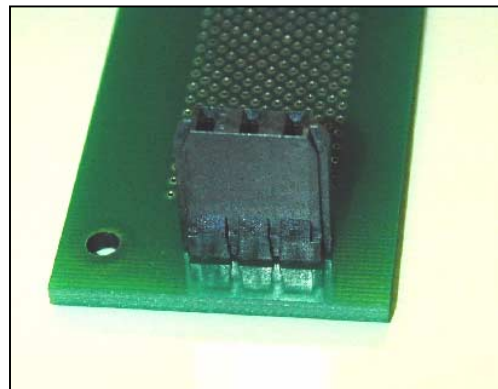


Figure 6
Final Assembly

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