

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-Rrow) as shown in Figure 3.



Figure 3 Loading an Insulator into

- 2. Make sure the insulator is oriented correctly. See Figure 4.
- 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

Molex Application Tooling Group

1150 E. Diehl Road Naperville, IL 60563 Tel: (630) 969-4550 Fax: (630) 505-0049