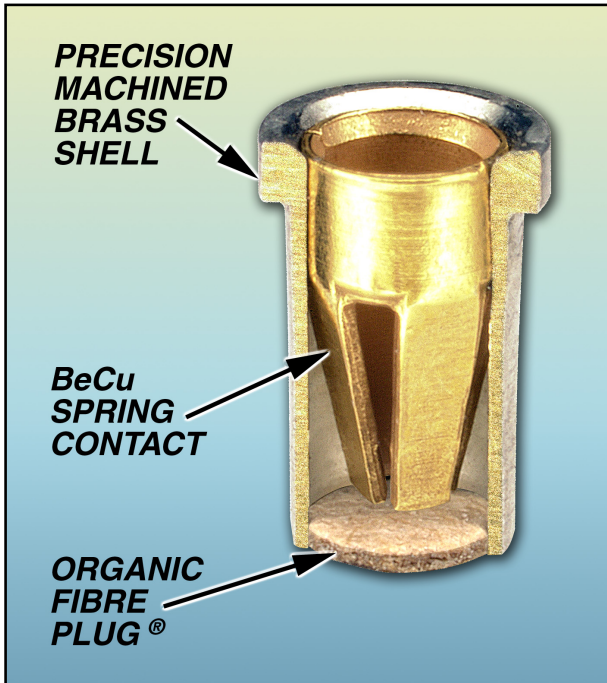




## Application of Discrete Receptacles with Organic Fibre Plug® Solder Barrier

### ASSEMBLY SEQUENCE FOR INTRUSIVE REFLOW\* SOLDERING



#### FEATURES:

- Designed for hand, wave or reflow\* soldering. The organic fibre plug prevents solder, paste or flux from contaminating the spring contact.
- After soldering, the organic fibre plug is pushed out of the receptacle when the component is plugged in.
- Supplied as discrete receptacles or on carrier tape per EIA-481 for industry standard pick and place machines.
- All Mill-Max receptacles use a precision machined brass housing with a press-fit beryllium copper “multi-finger” contact (heat-treated BeCu is the best electrical spring contact material).

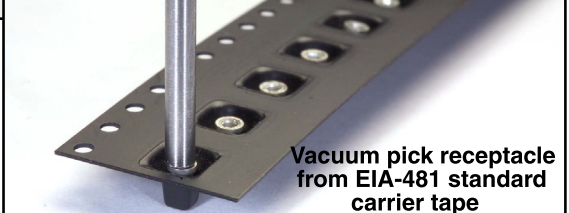
1. Start with a printed circuit board having plated thru holes .005” larger than the receptacle



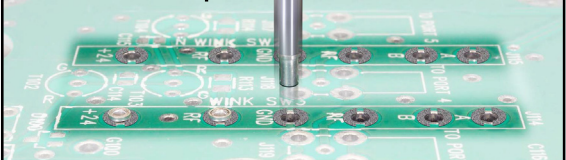
2. Screen solder paste on to the pads adjacent to the holes



3.



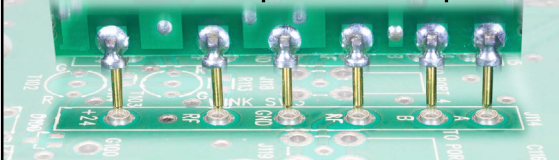
4. Place receptacles into circuit board



5. Reflow completely assembled circuit board in an SMT conveyor oven



6. Install leaded component into receptacles



7. The component leads will push out the organic fibre plugs®

