

COMPLIANT TAIL PINS & RECEPTACLES

DESIGNED FOR A SECURE PRESS-FIT IN STANDARD PLATED THROUGH-HOLES

The unique compliant pin design is characterized by a hollow and slotted tail that closes down and conforms to the size of the plated through-hole, thus preventing damage. In addition, the combination of slotted tail and a series of fine serrations make a reliable gas-tight connection with the plating inside the hole.

Mill-Max offers sockets, headers and discrete pins and receptacles with compliant tail or barrel features to address a broad range of applications where press-fitting is the desired solution over soldering. Mill-Max compliant tail sockets are available in dual-in-line packages (Series 146) and single and double row strips (Series 346 and 446, respectively).

For higher current and more rugged applications, Mill-Max has single row (Series 800) and double row (Series 802) interconnects and mating sockets, single row (Series 801) and double row (Series 803). Multi-layer boards can be stacked by mating these pin headers with sockets containing highly reliable six-finger inner contacts that accept .030" diameter round pins as well as .025" square pins.

Both compliant tail sockets and interconnects are available in two tail lengths, one for .060"-.100" thick panels and another for .090"-.130" thick panels.

Discrete pins (P/N's 5601, 5602 & 2617) and receptacles (P/N's 4993 & 4994) are useful for single location requirements or for non-standard layouts. The receptacles are low profile. The 4993 accepts leads from .012" - .017" and 4994 accepts leads from .015" - .020".

