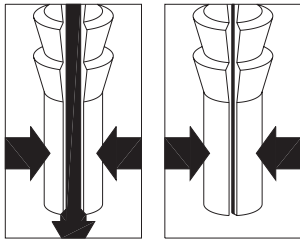


- Unique compliant tail pins conform to $.040 \pm .003$ " finished hole diameter without stressing inner layers.
- Two tail lengths are offered for $.060$ "- $.100$ " and $.090$ "- $.130$ " thick panels.
- Uses M-M# 4612 or 4613 pins with #30 contact rated at 3 amps. See page 131 for pin details.

APPLICATION OF COMPLIANT TAIL PINS



Mill-Max' patented* compliant tail features precision machined pins that are hollow and slotted to conform to a $.040 \pm .003$ " diameter PTH. As the pin is inserted, the slot compresses to fit the PTH, thus avoiding damage (see illustration at left). The pin's tail has fine serrations that form a perfect "gas tight" connection that doesn't require soldering. And since the pin doesn't damage the hole, compliant tail sockets and connectors can be easily replaced.

*Patent No. 4,799,904.

| Total number of pins | .100 (TYP) | | | Quantity per tube | Ordering Information | | | | | | |
|----------------------|--|-----|--|-------------------|--------------------------|--|----|-------------------|--|-------------------|-------------------|
| | L=.120 (for .060"- .100" thick panel) | | L=.175 (for .090"- .130" thick panel) | | | | | | | | |
| | A | B | C | | | | 93 | 99 | | | |
| 6 | 0.3 | 0.3 | 0.4 | 67 | 146-XX-306-41-012 | | | 146-XX-306-41-013 | | | |
| 8 | 0.4 | 0.3 | 0.4 | 50 | 146-XX-308-41-012 | | | 146-XX-308-41-013 | | | |
| 14 | 0.7 | 0.3 | 0.4 | 28 | 146-XX-314-41-012 | | | 146-XX-314-41-013 | | | |
| 16 | 0.8 | 0.3 | 0.4 | 25 | 146-XX-316-41-012 | | | 146-XX-316-41-013 | | | |
| 18 | 0.9 | 0.3 | 0.4 | 22 | 146-XX-318-41-012 | | | 146-XX-318-41-013 | | | |
| 20 | 1.0 | 0.3 | 0.4 | 20 | 146-XX-320-41-012 | | | 146-XX-320-41-013 | | | |
| 24 | 1.2 | 0.3 | 0.4 | 16 | 146-XX-324-41-012 | | | 146-XX-324-41-013 | | | |
| 22 | 1.1 | 0.4 | 0.5 | 18 | 146-XX-422-41-012 | | | 146-XX-422-41-013 | | | |
| 24 | 1.2 | 0.6 | 0.7 | 16 | 146-XX-624-41-012 | | | 146-XX-624-41-013 | | | |
| 28 | 1.4 | 0.6 | 0.7 | 14 | 146-XX-628-41-012 | | | 146-XX-628-41-013 | | | |
| 32 | 1.6 | 0.6 | 0.7 | 12 | 146-XX-632-41-012 | | | 146-XX-632-41-013 | | | |
| 40 | 2.0 | 0.6 | 0.7 | 10 | 146-XX-640-41-012 | | | 146-XX-640-41-013 | | | |
| | | | | | SPECIFY PLATING CODE XX= | | | | | | |
| | | | | | Sleeve (Pin) | | | | | 200 μ " Sn/Pb | 200 μ " Sn/Pb |
| | | | | | Contact (Clip) | | | | | 30 μ " Au | 200 μ " Sn/Pb |