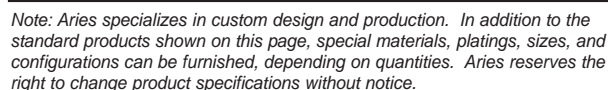


- Designed to allow user to cut 32 position adapter down to any size desired.
- Pins are mechanically fastened and soldered to board using Aries' patented process, creating a reliable electrical connection and rugged contact.

- Adapter body is FR-4 with 1 ounce minimum Copper traces.
- Pads are bare Copper protected with Entek® by Enthone or immersion white tin to eliminate coplanarity concerns and solder bridges associated with hot air solder leveling.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin plating is 200µ [5.08µm] min. Tin per ASTM B 545 Type 1 or Tin/Lead 93/7 per ASTM B 545 over 100µ [2.54µm] Nickel per SAE-AMS-QQ-N-290.
- Operating temperature=221°F [105°C].

- Suggested PCB hole size= $.028 \pm .003$ [$.71 \pm .08$] dia.
- Will plug into standard IC sockets.

All tolerances $\pm .005$ [.13]
unless otherwise specified



32-655000-10

32 pin adapter Series Tin plated solder tail pin

Technical drawing of a PCB layout showing dimensions and tolerances for a 16-pin connector. The drawing includes a top view of the connector pads, a side view of the connector pins, and a detailed view of the connector pins. Dimensions are given in inches and millimeters, with tolerances in brackets. The drawing is labeled "and plating" in the top right corner.

Top View Dimensions:

- Overall width: $1.600 \pm .010$ [40.64 \pm .25]
- Overall height: $1.500 \pm .003$ [38.10 \pm .08]
- Distance from top edge to first row of pads: $.148$ [3.76] REF.
- Distance between rows of pads: $.745$ [18.92]
- Distance from bottom edge to last row of pads: $.153$ [3.89] REF.
- Distance from left edge to first column of pads: $.0197 \pm .002$ [.50 \pm .05] TOL. NON-CUM.
- Distance between columns of pads: $.012 \pm .002$ [.31 \pm .05]
- Distance from right edge to last column of pads: $.062$ [1.58]
- Distance from bottom edge to first row of pads: $.050 \pm .002$ [1.27 \pm .05]
- Distance from bottom edge to last row of pads: $.125$ [3.18]
- Distance from bottom edge to first row of pads: $.020$ [.51]
- Distance from bottom edge to last row of pads: $.100 \pm .003$ [2.54 \pm .08] TOL. NON-CUM.

Side View Dimensions:

- Pin diameter: $\varnothing .018 \pm .002$ [.46 \pm .05]
- Pin spacing: $\varnothing .045$ [1.14]

Connector Pin Dimensions:

- Pin diameter: $\varnothing .018 \pm .002$ [.46 \pm .05]
- Pin spacing: $\varnothing .045$ [1.14]



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