

A-61-21



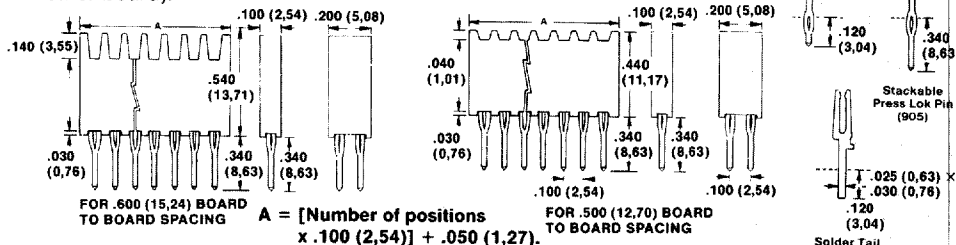
P.O. Box 130, Frenchtown, NJ 08825
Phone 1-908-996-6841
FAX 1-908-996-3891

Press-Lok™ Stackable Connector
Squarestix™ Female Connector

A-61-05-13

Hermaphroditic Stackable Connectors allow the stacking of 1/16 inch PCB's on .500 (12,70) or .600 (15,24) board centers. As many boards as desired may be stacked by soldering the solder tail version in the bottom mother board and then press fitting equivalent pin count units with the stackable style pin in the daughter boards. (Connectors with stackable pins can plug into each other or into the solder tail version in the mother board).

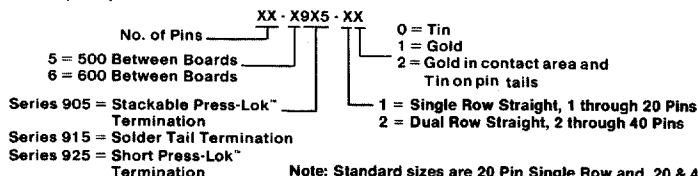
Connectors are available in standard 20 and 40 pin dual row .100 (2,54) x .100 (2,54) grid or 20 pins in a single row. Other pin counts of 4 through 38 pin dual row or 2 through 19 pin single row are available as non-returnable specials. These connectors are side-to-side stackable (for end to end stacking, skip one pin position).



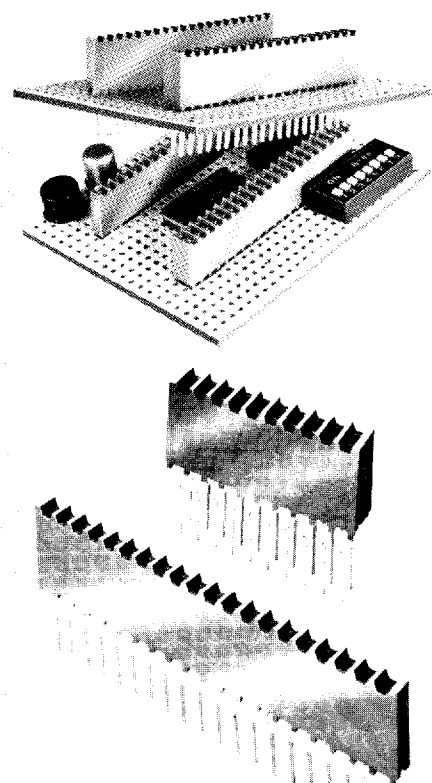
PERFORMANCE CHARACTERISTICS

P.C.B. Spacing: .500" and .600"
Pin Material: Phosphor Bronze.
Plating: 10µ gold per MIL-G45204 over 50µ nickel per QQN-290, and/or 100µ tin plating per MIL-T10727 over 50µ nickel per QQN-290. Thicker gold plating available; consult factory.
Pin Spacing Matrix: .100" X .100" (dual row)
Body: Glass reinforced thermoplastic UL-94VO flammability rating.
P.C.B. Installing Force per Pin: 5 lbs. max. In Plated Thru-Hole Diameter (finished) should be .040 ± .003 (.043/.037) dia. plated thru-hole.

P.C.B. Removal Force per Pin: 1 lb. min. in Plated Thru-Hole Diameter (finished) should be .040 ± .003 (.043/.037) dia. plated thru-hole.
Stacking Sockets Pin Insertion Force per Pin: 3 oz. max.
Stacking Sockets Pin Withdrawal Force per Pin: 1 oz. minimum.
Insulation Resistance: 1,000 megohms minimum.
Dielectric Withstanding Voltage: 600 VAC minimum.
Contact Rating: 1 Amp.
Normal Force: 100 grams min.



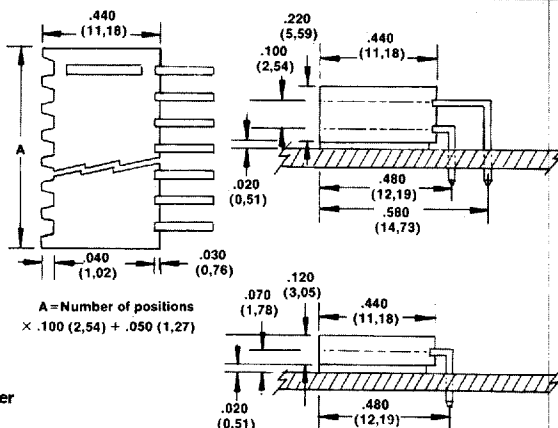
Note: Standard sizes are 20 Pin Single Row and 20 & 40 Pin Dual Row



PRESS-LOK™ Stackable Connector

- 2 to 40 positions
- .500 (12,70) and .600 (15,24) board-to-board spacings

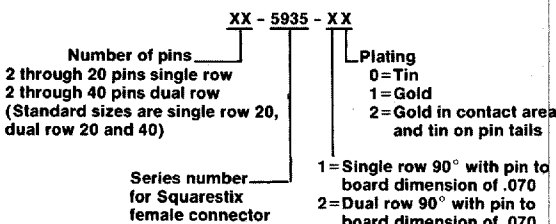
Squarestix Female Connectors (accept .025 (0,64) square pins) solder into p.c. boards at a 90° angle. The receptacle accepts Aries Squarestix connectors with the appropriate number of pins or any product with .025 (0,64) square pins. Squarestix connectors are available in standard sizes of 20 and 40 pins on a dual row of .100 x .100 (2,54 x 2,54) grid or 20 pins in a single row. Other pin counts of 4 thru 38 pin dual row or 2 thru 19 pin single row are available as non-returnable specials.



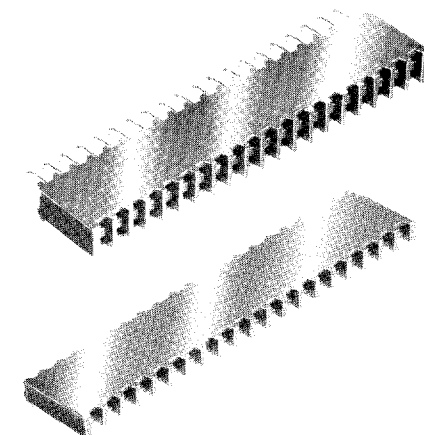
PERFORMANCE CHARACTERISTICS

Pin Material: Phosphor Bronze
Plating: 10µ (0,254µm) gold per MIL G-45204 over 50µ (1,27µm) nickel per QQN-290. 100µ (2,54µm) tin plating per MIL T10727 over 50µ (1,27µm) nickel per QQN-290. Thicker gold plating available; consult factory.
Pin Spacing Matrix: .100 x .100 (2,54 x 2,54) (dual row)
Body: Glass reinforced thermoplastic polyester UL94VO flammability rating. UL temperature index 130°C.
Squarestix pin insertion force per pin: 3 oz. (85,13 gm) max.
Squarestix pin withdrawal force per pin: 1 oz. (28,38 gm) min.
Insulation resistance: 1,000 megohms min.
Dielectric withstanding voltage: 600VAC min.
Contact rating: 1 Amp
Normal force: 100 grams min.

HOW TO ORDER



Note: Standard sizes are 20 Pin Single Row and 20 & 40 Pin Dual Row



Series 5935 SQUARESTIX FEMALE CONNECTOR
Single Row - 20 Pins
Double Rows - 40 Pins