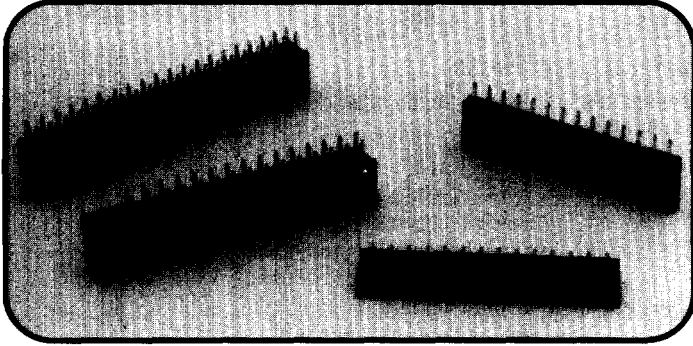


HEADERS

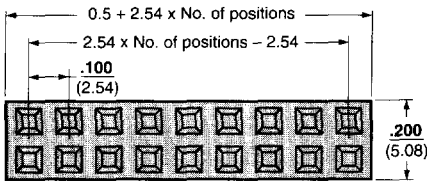
410, 420 Series 0.1 (2.54mm) Centers Single and Dual Row



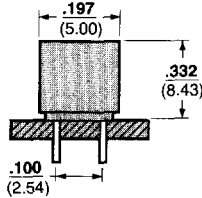
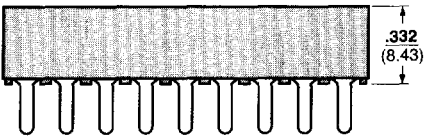
FEATURES

- Mates with 0.025 (0.635mm) square contact post
- Available in four options: single or dual rows, with straight tails
- Single row from 4 to 86 positions
- Dual row from 4 to 40 positions
- 0.100 x 0.100 grid

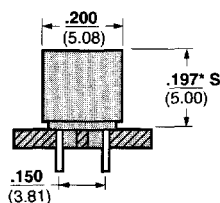
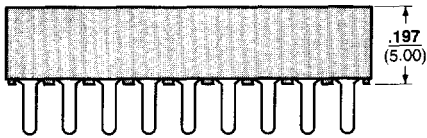
DIMENSIONS – 420 DUAL ROW



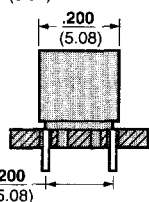
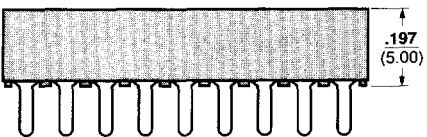
420 – TOP ENTRY



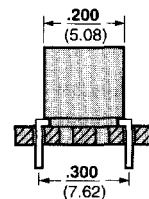
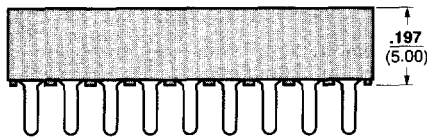
421 – TOP/BOTTOM ENTRY



422 – TOP/BOTTOM ENTRY



423 – TOP/BOTTOM ENTRY



MAXCONN

PERFORMANCE SPECIFICATIONS

Materials and Finish

Dielectric Body: PBT thermoplastic, black color, 30% glass filled, self-extinguishing, 94V-0 rated

Contact Material: Phosphor bronze

Contact Finish: 1 – Tin: 100 microinch tin over 70 microinch copper
Gold: 2 – 10 microinch gold over 50 microinch nickel
3 – 15 microinch gold over 50 microinch nickel
4 – 30 microinch gold over 50 microinch nickel

Electrical Characteristics

Contact Current Rating: 3 amps

Contact Resistance: 10 milliohms maximum

Dielectric Withstanding Voltage: 1000Vdc minimum

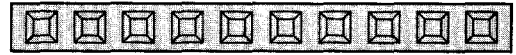
Insulation Resistance: 5,000 megohms minimum

Temperature Rating: -55° C to + 125° C

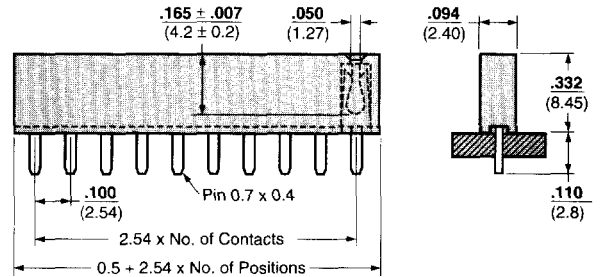
Mechanical Characteristics

Pin Push-Out Force: 3 lbs

DIMENSIONS – 410 SINGLE ROW



410 – TOP ENTRY



HOW TO ORDER

410 - 40 - 1

Series

- 410 – Single row top entry
- 420 – Dual row top entry
2.54mm between rows
- 421 – Dual row top/bottom entry
3.81mm between rows
- 422 – Dual row top/bottom entry
5.08mm between rows
- 423 – Dual row top/bottom entry
7.62mm between rows

Number of Contacts per Row

- Single – 2 to 40
- Dual – 4 to 80

Code	Plating Options
1	100 microinch tin
2	10 microinch gold
3	15 microinch gold
4	30 microinch gold