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Jameco Part Number 736763

## Vertical Male Connector, 5 Row, Types A, B and C

## Vertical Male Connectors

Types A,B and C male connectors will mate with right angle female and vertical female connectors shown on pages 3027 and 3036 respectively.

## 5 Row Versions

For use with unshielded females and with EMI/RFI shields.

Type A has 110 signal pins with center guiding and keying facility. Type B has 125 signal pins and Type C has 55 signal pins and guiding features. All are end stackable without change in contact pitch according to the chart on page 3024.

## 5+2 Row Versions

For use with females with ground return shields and contacts in rows z and f in addition to those above.

## Short Tail Versions

Standard versions have contact option A in rows a-e with option C in rows z and f on 5+2 row versions.

## Feedthrough Versions

For midplane and rear cable connection. 5 row versions mate with unshielded female connectors and 5 row cable connectors. 5+2 row versions mate with female connectors having ground return shields or 5+2 row shielded cable connectors. Standard versions use contact options K and T instead of A and C

MYLAR coated tail guides can be fitted to feedthrough posts to aid assembly to the board.

For versions other than those shown, refer to page 3039 which gives access to other sizes and loading patterns.

End caps are available for use with special versions of types A and B connectors. Consult Tyco Electronics.

## Electrical Characteristics —

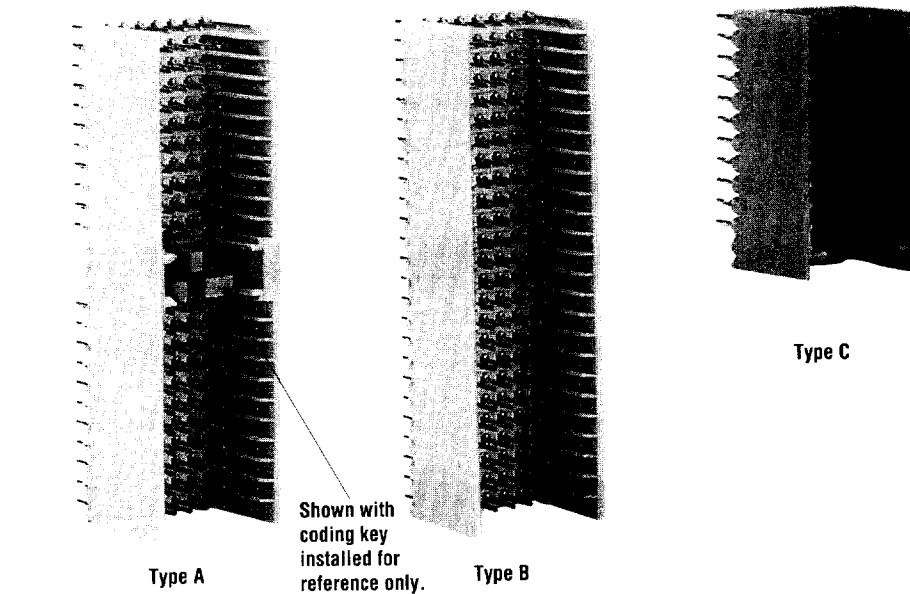
page 3023.

## Material and Finish:

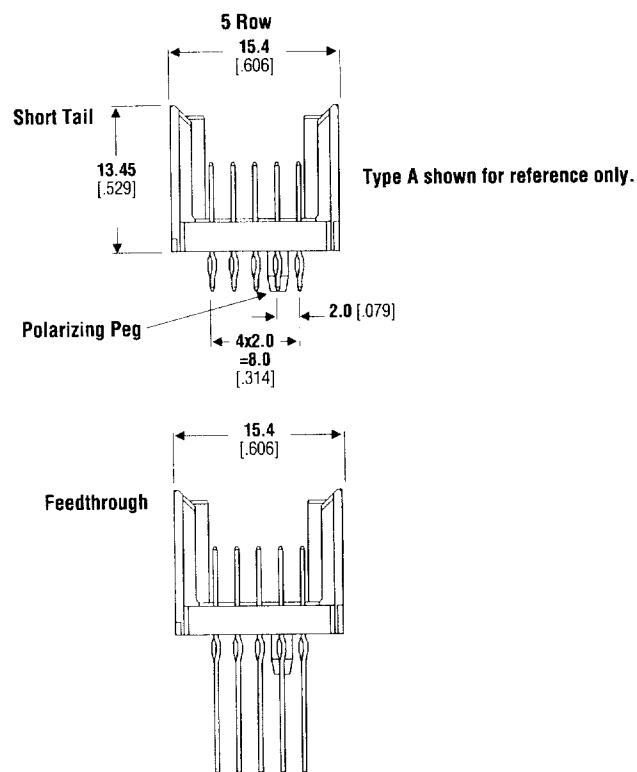
Glass filled polyester housing gray, UL94 V-0 rated Phosphor-bronze signal contacts. Contact area 0.8µm Au over 1.3µm Ni ACTION PIN contact 0.5µm Sn/Pb over 1.3 µm Ni

**Coding keys for type A page 3039.**

**Tooling** — page 3046-3048.



Type C

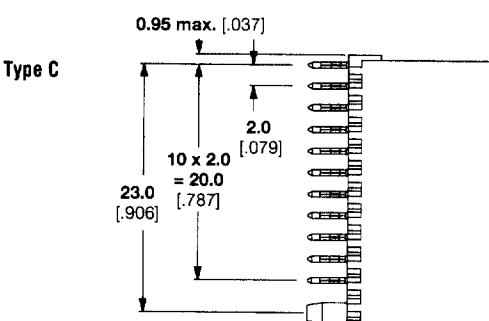
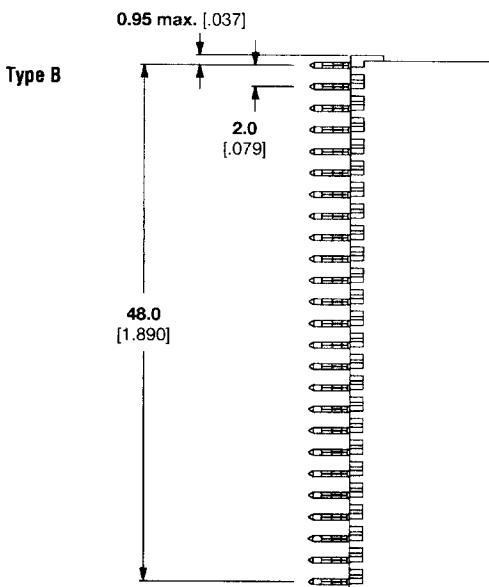
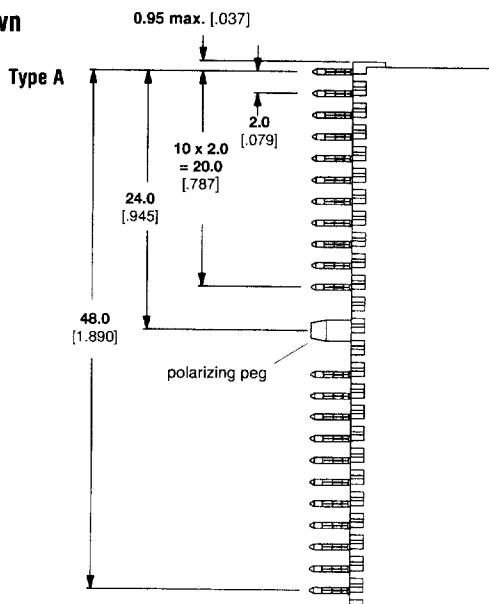
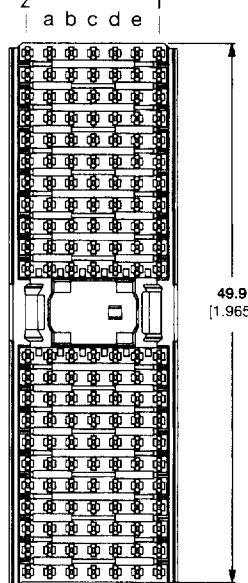
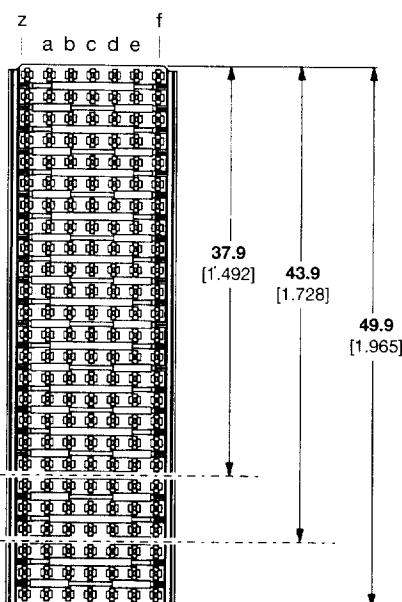
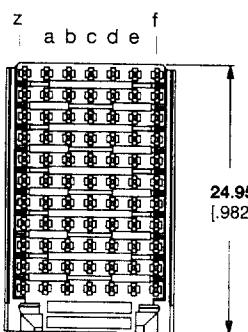


| Type                       | Part Numbers |          |             |          |
|----------------------------|--------------|----------|-------------|----------|
|                            | Short Tail   |          | Feedthrough |          |
| 5 Row                      | 5+2 Row      | 5 Row    | 5+2 Row     |          |
| Type A (with locating peg) | 100143-1     | 100668-1 | 106164-1    | 106509-1 |
| Type B                     | 100141-1     | 100669-1 | 106165-1    | 106510-1 |
| Type C                     | 100159-1     | 106081-1 | 106303-1    | 188637-1 |

For complete product information, order Catalog 65911

## Vertical Male Connector, 5 Row, Types A, B and C

## Short Tail Version Shown

Rows  
ColumnsRows  
ColumnsRows  
Columns

For complete product information, order Catalog 65911