

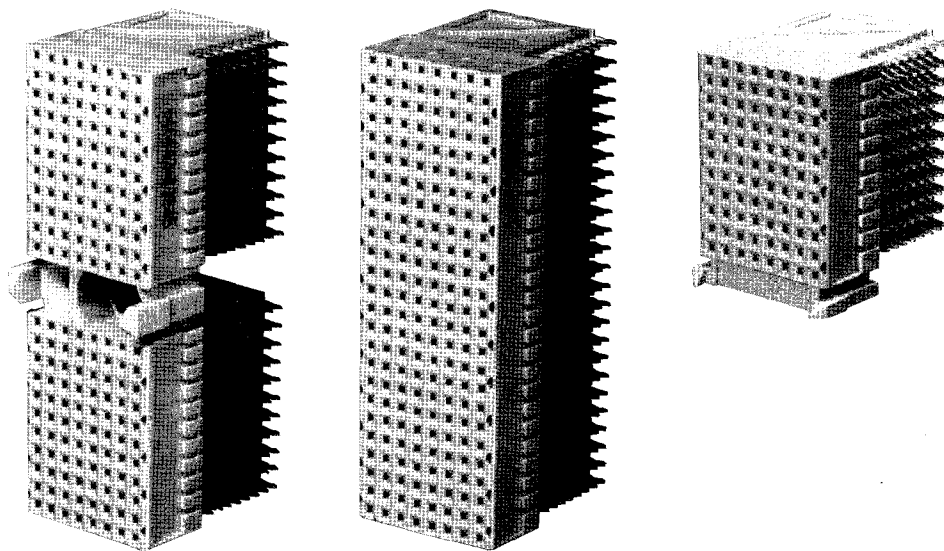
Right Angle Female Connectors, 8 Row, Types D, E and F

Right Angle Female Connectors

Types D, E and F female connectors will mate with respective vertical male connectors shown on page 16.

Type D has 176 contacts with center guiding and keying facility and type E has 200 contacts and Type F has 88 contacts. Connectors are end stackable without change of contact pitch according to the chart on page 9. Two levels of performance are offered; standard and ground return shield versions. Upper ground return shields are pre-fitted to receptacles; lower shields are supplied and fitted separately as required. 8+2 male connectors are used with ground return shield versions.

For versions other than those shown, which gives access to other sizes and loading patterns, consult Tyco Electronics.



Performance Data pages 6-7.

Materials and Finish

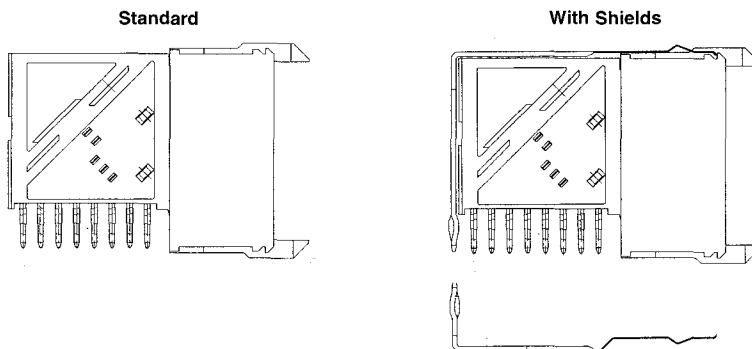
Glass filled polyester + LCP housing, gray, UL94 V-0 rated

Phosphor-bronze signal contacts

Contact area 0.8µm [.000030] Au over 1.3µm [.000050] Ni

ACTION PIN Contact 0.5µm [.000020]

Sn/Pb over 1.3µm [.000050] Ni

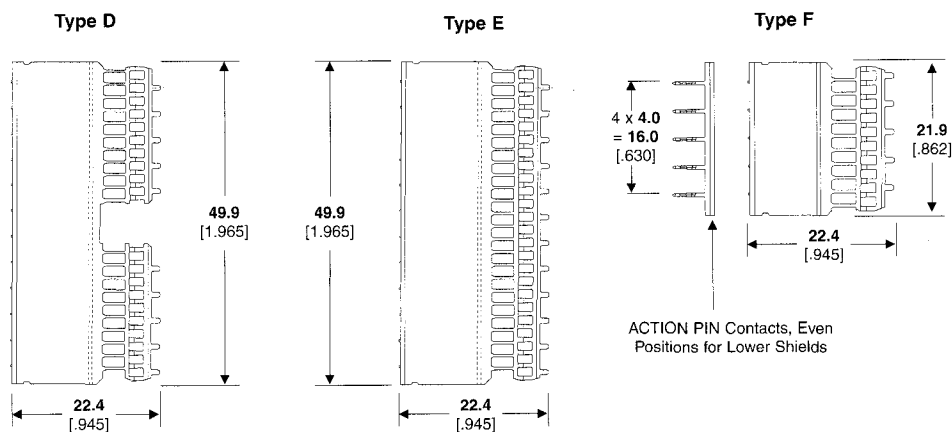


Coding Keys for Type A page 47.

Board layout page 71, for guidance only.

Daughtercard thickness range of 1.4 - 4.3 [.055 - .169] (3.5 [.138] max. with lower shield)

Shields



| Description | Part Numbers | | |
|-------------|--------------|----------------------------|--------------|
| | Standard | Standard with Upper Shield | Lower Shield |
| Type D | 646442-1 | 646486-1 | 646428-1 |
| Type D (16) | 646447-1 | — | — |
| Type E | 646445-1 | 646487-1 | 646430-1 |
| Type F | 646446-1 | 646492-1 | 646493-1 |