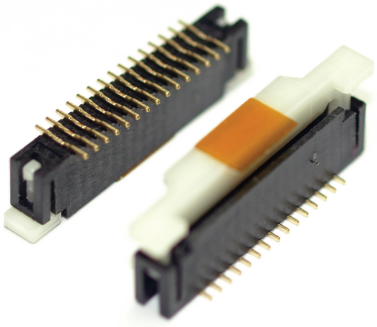
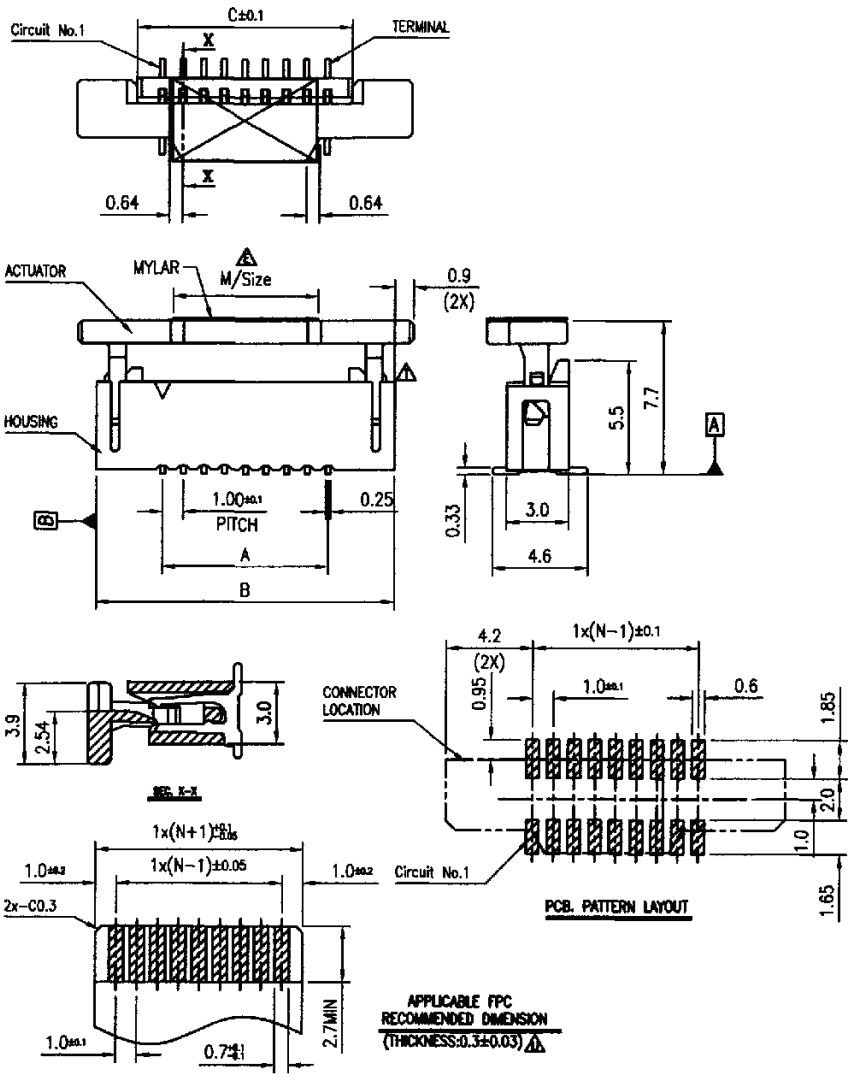
VALCON
VALUE CONNECTORS

# 1mm Pitch Vertical Mount Parallel PCB Pin-out Wide-Latch FFC Connector

## *FFC1-xx-V-PP-WL-TR Series*

Mates with 1mm pitch & 0.30mm Thick FFC Cables - Surface Mount Parallel Pin-out (PP) PCB Type - Vertical
Available taped & reeled - (TR option) - 04 to 40 positions available
With wide top latch (WL) for easy pick & place (PP) pick-up






| CKT | Dim A | Dim B | Dim C | CKT | Dim A | Dim B | Dim C |
|---|---|---|---|---|---|---|---|
| 4 | 3.0 | 9.6 | 5.4 | 23 | 22.0 | 28.6 | 24.4 |
| 5 | 4.0 | 10.6 | 6.4 | 24 | 23.0 | 29.6 | 25.4 |
| 6 | 5.0 | 11.6 | 7.4 | 25 | 24.0 | 30.6 | 26.4 |
| 7 | 6.0 | 12.6 | 8.4 | 26 | 25.0 | 31.6 | 27.4 |
| 8 | 7.0 | 13.6 | 9.4 | 27 | 26.0 | 32.6 | 28.4 |
| 9 | 8.0 | 14.6 | 10.4 | 28 | 27.0 | 33.6 | 29.4 |
| 10 | 9.0 | 15.6 | 11.4 | 29 | 28.0 | 34.6 | 30.4 |
| 11 | 10.0 | 16.6 | 12.4 | 30 | 29.0 | 35.6 | 31.4 |
| 12 | 11.0 | 17.6 | 13.4 | 31 | 30.0 | 36.6 | 32.4 |
| 13 | 12.0 | 18.6 | 14.4 | 32 | 31.0 | 37.6 | 33.4 |
| 14 | 13.0 | 19.6 | 15.4 | 33 | 32.0 | 38.6 | 34.4 |
| 15 | 14.0 | 20.6 | 16.4 | 34 | 33.0 | 39.6 | 35.4 |
| 16 | 15.0 | 21.6 | 17.4 | 35 | 34.0 | 40.6 | 36.4 |
| 17 | 16.0 | 22.6 | 18.4 | 36 | 35.0 | 41.6 | 37.4 |
| 18 | 17.0 | 23.6 | 19.4 | 37 | 36.0 | 42.6 | 38.4 |
| 19 | 18.0 | 24.6 | 20.4 | 38 | 37.0 | 43.6 | 39.4 |
| 20 | 19.0 | 25.6 | 21.4 | 39 | 38.0 | 44.6 | 40.4 |
| 21 | 20.0 | 26.6 | 22.4 | 40 | 39.0 | 45.6 | 41.4 |
| 22 | 21.0 | 27.6 | 23.4 | | | | |

## *Ordering Information:*

*FFC1 - xx - V - PP - WL - TR*
1 2

**Option 1(xx)** Number of Positions:
**04 to 40**
*Please note - some sizes may be subject to MOQ*

**Option 2(TR)** Packaging Type:
**TR = Tape & Reel (Standard)**
*Please note - some options may be subject to MOQ*

## *Provisional Specification only for FFC1-xx-V-PP-WL-TR:*

| | |
|---|---|
| Insulator Material: | Nylon UL94V-0 Black |
| Actuator Material: | PPS UL94V-0 Black (Wide Latch) |
| Contact Material: | Copper Alloy |
| Contact Plating: | Tin over Ni underplate |
| Current Rating: | 0.5A per contact |
| Voltage Rating: | 50 VAC Max. |
| DWV: | 500AV AC for 1 minute |
| Insulation Resistance: | 800MΩ min. |
| Contact Resistance: | 20mΩ Max. |
| Operating Temperature: | -20°C to +85°C |
| Durability: | 20 cycles with 0.30mm thick FFC |
| Retention Force: | 30gf x pos. min. |

***Tel: 01295 271777 Fax: 01295 271744 Web: www.toby.co.uk email: sales@toby.co.uk***