

2.0mm FutureBus 5 Row Male Power Vertical Mono Block

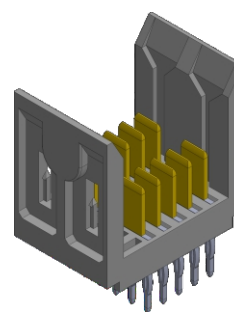
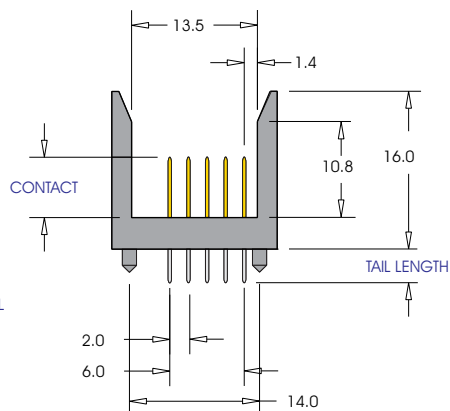
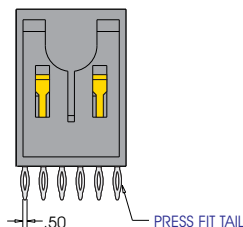
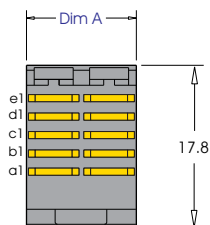


MONO BLOCK

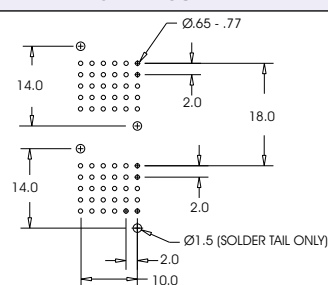
Contact	Dim A
010	11.95
020	23.95
030	35.95
040	47.95
050	59.95
060	71.95
070	83.95
080	95.95

Specifications

1. Insulator Material: High Temperature Thermoplastic
Glass Filled 94V-O, UL Recognized, color black.
2. Contact Material: Phosphor Bronze
3. Contact Plating: Class 1: 1000 cycles or Class 2: 500 cycles
4. Mating Insertion Force: 0.45N (0.10 lbs) max. per contact
5. Unmating Withdrawal Force: 0.20N (0.045 lbs) min. per contact
6. Compliant Insertion Force: 100N (22.50 lbs) max. per contact
7. Compliant Withdrawal Force: 20N (4.50 lbs) min. per contact
8. Insulation Resistance: 1000 M ohms min. @ 500v
9. Contact Resistance: 30 m ohms max. @ DC 100mA
11. Current Rating: 3 Amp @ 20°C per contact
12. Operating Temperature: -55°C To +225°C
13. UL File Numbers: E 176234, IEEE 896.10 FutureBus+



PCB LAYOUT



PART NUMBERING

74 — XXX — 7 X XXX — XX — 050

SERIES CODE

NO. OF CONTACTS

SEE TABLE

TERMINATION METHOD

1 = PRESS FIT

2 = DIP SOLDER (picture not shown)

CONTACT PLATING

35 = CLASS 2, 500 CYCLES
55 = CLASS 1, 1000 CYCLES

CONTACT LOADING

P/N CODE	001	002	003	101	102	103	201	202	203
TERMINATION*	PF/DS	PF	PF	PF/DS	PF	PF	PF/DS	PF	PF
(A) CONTACT	6.5mm	6.5mm	6.5mm	7.25mm	7.25mm	7.25mm	8.0mm	8.0mm	8.0mm
(B) TAIL LENGTH	5.0mm	13.6mm	17.0mm	5.0mm	13.6mm	17.0mm	5.0mm	13.6mm	17.0mm

*PF = PRESS FIT
DS = DIP SOLDER

Dimensions are in mm

FOR CUSTOM LOADED CONNECTORS PLEASE USE THIS [CUSTOMER REQUEST FORM](#)

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