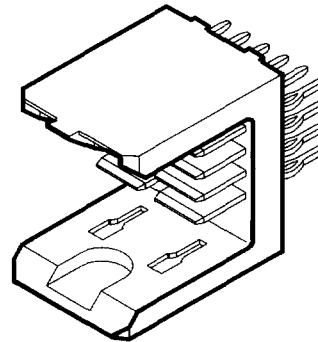


## Male Power Modules — Wide Wall — Solder or Pressfit Termination — 4 Row



## Features

- Designed to conform with IEC 48b237, EIAIs64, IEEE P896 Futurebus+, IEEE P1596 SCl and IEC 917 metric modular order
- Sequential mating provides live insertion capability
- High performance contacts, high hertz stress, 1000 cycles minimum
- High I/O, eight power contacts in a 12 mm module
- High temperature materials, not affected by reflow solder process
- Stackable with other TEMPUS modules, with no loss of positions
- Wide wall design for system tolerant 2,50 (.098) out-of-centre board insertion

## Technical Data

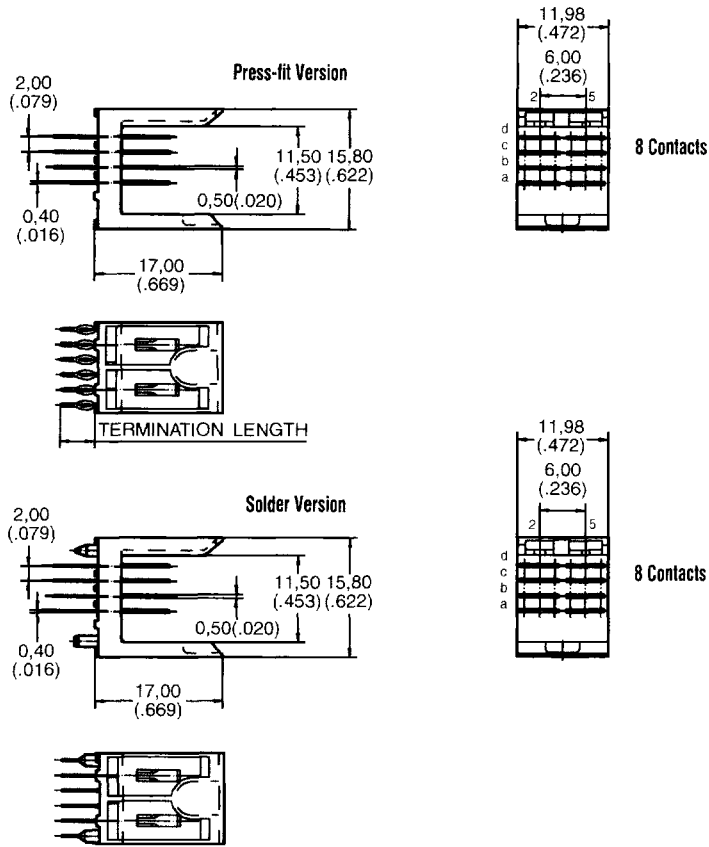
## Mechanical Data

Contact Pitch	2,00 × 2,00 (.079 × .079)
Polarisation	By design
Coding	With coding keys, see page 56
Housing Material	Liquid Crystal Polymer, UL94V-0
Termination Solder	Solder tail, tin/lead plated
Termination p.t.h. (solder)	Ø 0,60 (.024) nominal 0,50 - 0,80 (.020 - .031)
Termination Press-fit	Eye of needle compliant section, tin/lead plated
Termination p.t.h. (press-fit)	Ø 0,70 (.028), refer to page 65 0,65 - 0,80 (.025 - .031)
Board Guiding Left to Right	2,50 - 2,50 (.100 - .100)
Top to Bottom	1,50 - 1,50 (.060 - .060)
Board Slot Pitch	16,00 (.630) min.
Contact Material	Press-fit contact: Phosphor bronze, Solder contact: Brass
Hertz Stress	1200 MPa (174 klbf/sq. in.)
Class 1	1000 cycles minimum
Plating	Palladium Nickel plus Gold over Nickel
Insertion Force	1,50 N (5.3 oz) max. per contact
Withdrawal Force	0,30 N (1.0 oz) min. per contact

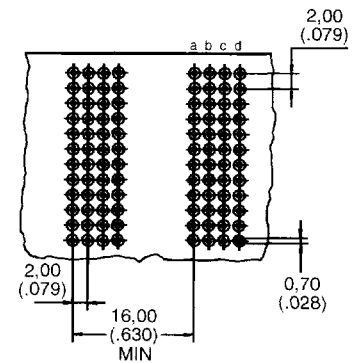
## Electrical Data

Current Rating	4,00 A at 25°C, 3,00 A at 70°C
Withstanding Voltage	1000 Vrms
Insulation Resistance	Initial : 5000 MΩ After climatic test : 1000 MΩ
Contact Resistance	25 mΩ maximum

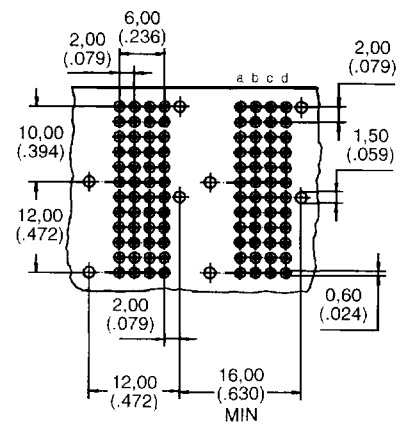
Male Power Modules — Wide Wall — Solder or Pressfit Termination — 4 Row



Recommended P.C.B. Hole Pattern, Component Side



Recommended P.C.B. Hole Pattern, Component Side



Refer to design notes on page 65 for circuit board drill and hole plating details.

## Male Power Modules — Wide Wall — Solder or Pressfit Termination — 4 Row

No. of Contacts	Part Number*	Termination	Contact Arrangement Row			
			a	b	c	d
8	CBC20J00-008WDP1-4-1	Press-fit, 4,30 (.169) Tail	7,25 (.285)	6,50 (.256)	6,50 (.256)	7,25 (.285)
8	<b>CBC20J00-008WDP1-5-1</b>	Press-fit, 4,30 (.169) Tail	6,50 (.256)	6,50 (.256)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDP1-6-1	Press-fit, 4,30 (.169) Tail	8,00 (.315)	8,00 (.315)	7,25 (.285)	6,50 (.256)
8	<b>CBC20J00-008WDP1-7-1</b>	Press-fit, 4,30 (.169) Tail	6,50 (.256)	8,00 (.315)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDU1-4-1	Press-fit, 13,60 (.535) Tail	7,25 (.285)	6,50 (.256)	6,50 (.256)	7,25 (.285)
8	CBC20J00-008WDU1-5-1	Press-fit, 13,60 (.535) Tail	6,50 (.256)	6,50 (.256)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDU1-6-1	Press-fit, 13,60 (.535) Tail	8,00 (.315)	8,00 (.315)	7,25 (.285)	6,50 (.256)
8	CBC20J00-008WDU1-7-1	Press-fit, 13,60 (.535) Tail	6,50 (.256)	8,00 (.315)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDV2-4-1	Press-fit, 17,00 (.669) Tail	7,25 (.285)	6,50 (.256)	6,50 (.256)	7,25 (.285)
8	CBC20J00-008WDV2-5-1	Press-fit, 17,00 (.669) Tail	6,50 (.256)	6,50 (.256)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDV2-6-1	Press-fit, 17,00 (.669) Tail	8,00 (.315)	8,00 (.315)	7,25 (.285)	6,50 (.256)
8	CBC20J00-008WDV2-7-1	Press-fit, 17,00 (.669) Tail	6,50 (.256)	8,00 (.315)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDS5-4-1	Solder Tail for 1,60 (.063) Board	7,25 (.285)	6,50 (.256)	6,50 (.256)	7,25 (.285)
8	<b>CBC20J00-008WDS5-5-1</b>	Solder Tail for 1,60 (.063) Board	6,50 (.256)	6,50 (.256)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDS5-6-1	Solder Tail for 1,60 (.063) Board	6,50 (.256)	8,00 (.315)	7,25 (.285)	6,50 (.256)
8	<b>CBC20J00-008WDS5-7-1</b>	Solder Tail for 1,60 (.063) Board	7,25 (.285)	8,00 (.315)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDS1-4-1	Solder Tail for 3,20 (.125) Board	6,50 (.256)	6,50 (.256)	6,50 (.256)	7,25 (.285)
8	<b>CBC20J00-008WDS1-5-1</b>	Solder Tail for 3,20 (.125) Board	6,50 (.256)	6,50 (.256)	6,50 (.256)	6,50 (.256)
8	CBC20J00-008WDS1-6-1	Solder Tail for 3,20 (.125) Board	8,00 (.315)	8,00 (.315)	7,25 (.285)	6,50 (.256)
8	<b>CBC20J00-008WDS1-7-1</b>	Solder Tail for 3,20 (.125) Board	6,50 (.256)	8,00 (.315)	6,50 (.256)	6,50 (.256)

## Packaging Quantity

Contacts	In Tube	In Tray
8	44	330

All part numbers shown in this catalogue refer to connectors supplied in trays. For connectors supplied in tubes add the designation **-VR** to the end of the part number.

Performance 1000 mating cycles

**Note:**

Minimum order quantities apply

\* Part numbers in **bold** typefaces indicate standard products; usually available with shorter lead times.