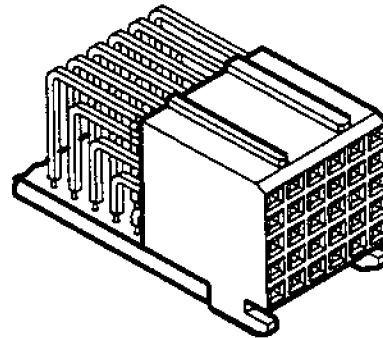


Female Signal Modules — Solder Termination — 5 Row



Features

Designed to conform with IEC 48b237, EIAis64, IEEE P896 Futurebus+, IEEE P1596 SCL and IEC 917 metric modular order

- Stackable with other TEMPUS modules, with no loss of positions
- Heat stake or pushfit peg retention

- High I/O, 25 contacts per linear centimetre (63 contacts per linear inch)
- High temperature materials, not affected by reflow solder process

Technical Data

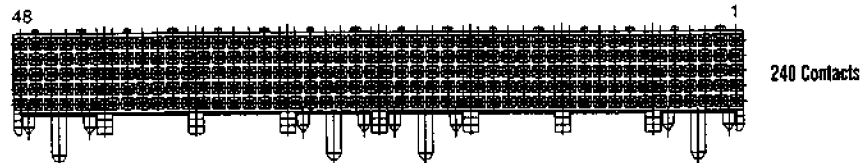
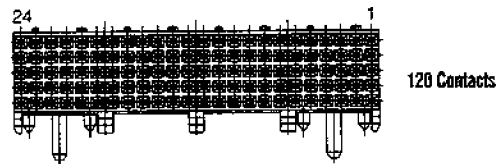
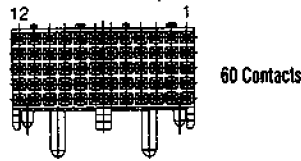
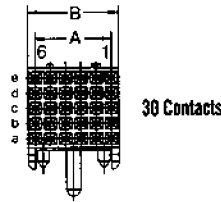
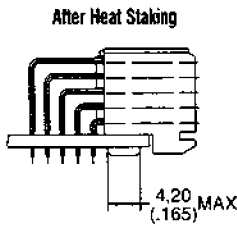
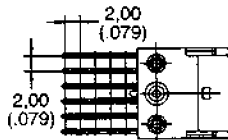
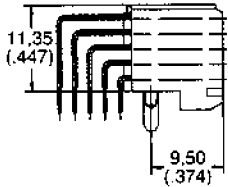
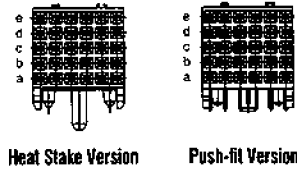
Mechanical Data

Contact Pitch	2,00 × 2,00 (.079 × .079)
Polarisation	By design
Coding	With coding keys, see page 56
Housing Material	Liquid Crystal Polymer
Termination	Solder tail, tin/lead plated
Termination p.t.h.	∅ 0,60 (.024), refer to page 65
Board Retention	Pushfit peg or heat stake
Contact Material	Phosphor bronze
Class 3	250 cycles minimum
Plating	Gold over Nickel
Insertion Force	0,45 N (1.6 oz) max. per contact
Withdrawal Force	0,15 N (0.5 oz) min. per contact

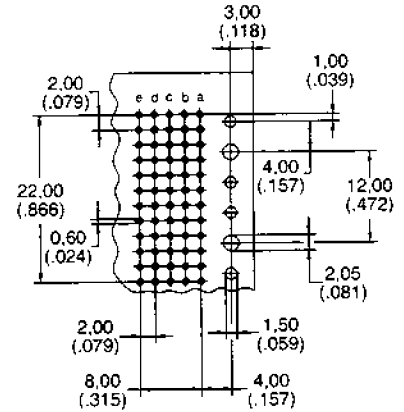
Electrical Data

Current Rating	1,50 A at 25°C, 1 A at 70°C
Withstanding Voltage	1000 Vrms
Insulation Resistance	Initial : 5000 MΩ After climatic test : 1000 MΩ
Contact Resistance	45 mΩ maximum

Female Signal Modules — Solder Termination — 5 Row



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



No. of Contacts	A	B
30	10.00 (.395)	11.95 (.470)
60	22.00 (.866)	23.95 (.943)
120	46.00 (1.811)	47.95 (1.888)
240	94.00 (3.701)	95.95 (3.778)

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

Packaging Quantity

Contacts	In Tube
30	48
60	24
120	12
240	6

Note: Minimum order quantities apply

Pushfit peg is designed to work with industry standard wide wall male modules and TEMPUS wide and narrow wall modules.

No. of Contacts	Board Thickness	Part Numbers*	
		Pushfit Peg	Heat Stake
30	1.60 (.063)	CBC20K00-030FDS1-0-3-001-VR	CBC20K00-030FDS1-0-3-VR
60	1.60 (.063)	CBC20K00-060FDS1-0-3-001-VR	CBC20K00-060FDS1-0-3-VR
120	1.60 (.063)	CBC20K00-120FDS1-0-3-001-VR	CBC20K00-120FDS1-0-3-VR
240	1.60 (.063)	CBC20K00-240FDS1-0-3-001-VR	CBC20K00-240FDS1-0-3-VR
30	2.40 (.094)	CBC20K00-030FDS2-0-3-001-VR	CBC20K00-030FDS2-0-3-VR
60	2.40 (.094)	CBC20K00-060FDS2-0-3-001-VR	CBC20K00-060FDS2-0-3-VR
120	2.40 (.094)	CBC20K00-120FDS2-0-3-001-VR	CBC20K00-120FDS2-0-3-VR
240	2.40 (.094)	CBC20K00-240FDS2-0-3-001-VR	CBC20K00-240FDS2-0-3-VR

Performance 250 mating cycles.