

# Critical Eurocard dimensions

## Critical Eurocard Dimensions

A 2,5mm wide border is necessary - top and bottom of printed circuit boards - to allow clearance for guides and for mounting into plug-in unit guide rails. On the double height Eurocard, owing to the overall size and position of the connectors, it is recommended that when fitting components to front panels the grid as laid out is adopted. This will allow consistency between 3U and 6U height front panels.

### List of undrilled pads which appear on most Eurocards

- E. DIN 41612 connector mounting
- F. DIN 41617 connector mounting
- G. Card ejectors
- H. Card handle Type A - 45,72 centres
- K. Card handle Type C
- L. Card handle Type B - 30,48 centres
- M. Module mounting
- N. Card mounting brackets KM4 and KM6, card ejector KM6
- O. KM4 module mounting extended with "M" holes
- P. Module mounting 220 cards only
- R. Flexible card handle Type E

### Board specifications: Single and Double-sided Copper

Board type	Epoxy glass	SRBP
Double sided copper	BS4584 part 16	BS4584 part 5
Max. working temp.	155°C	97°C
Nom. board thickness (inc copper)	1,6mm	
Copper thickness	35µm or 1oz/ft <sup>2</sup> or 305g/m <sup>2</sup>	

### Board specifications: Plated Through Hole Boards

Board type	Epoxy glass
PTH	BS 4584 EP-GC-Cu 3 FR4
Max. working temp.	155°C
Nom. board thickness	1,6mm
Laminate copper thickness	35µm or 1oz/ft <sup>2</sup> or 305g/m <sup>2</sup>
Plated copper	25µm
Tin lead	10µm
Total	70µm

Note: bare boards are UL V-0 recognised components file number E116551.

Bare boards are approved to BS 9762

