



ENGLISH

Datasheet

Eurocard backplanes

RS Stock number 110-2545



Description

This range of backplanes has been designed to be totally flexible, allowing the engineer to configure the backplane to exactly match the requirements of his system. Each pin is bussed across the board, with the added facility of using row b as 0V guard rails thus minimising crosstalk on rows a and c. Power connection to the backplane is by means of M3 studs or 6,3mm Faston tabs. To identify voltages a combination of studs and Fastons may be used. Power commitment to pins 1, 2, 31 and 32, and other pins can be committed by either Wire wrapping or hard wiring.

Double sided uncommitted backplane

Features

Total flexibility on positioning of VCC or 0V

Four voltage rails available

M3 stud or 6,3mm Faston power connection facilities

Choice of backplane widths and pitches

High quality PTH boards with resist coating to prevent solder bridging

**Board Specification**

Dielectric Epoxy glass BS4584, EP-GC-Cu3 FR4

Nom. thickness 1,6mm

Base copper thickness 35 μ m

Finish Plated copper 25 μ m average

Tin lead 8 μ m nominal

Total 68 μ m

Note: bare boards are UL 94 V-0 recognised components file number E 116551.
Bare boards are approved to BS9762.

Double Sided Uncommitted Backplanes

Conn. type	Conn. pitch (HP)	Slots	Length x Width
96/96	20,32 (4HP)	5	128,6 x 95,7 mm