



Datasheet

Stock No: 100-4514

ENGLISH

# RS Pro 02-0134, Single Sided DIN 41612 Matrix Board



## Product Details:

**KM6 Veroboard® boards for DIN 41612 connectors**

- Single-sided boards combining the advantages of Veroboard, the flexibility of Eurocards and DIN 41612 connectors.
- For wiring by wrapping applications, spacing of 3.81 on the double height boards keeps the board route aligned on the grid of the adjacent connectors.
- Silk-screened component installation grid.
- The cutter (stock number 543-535) allows rapid completion of a circuit by interrupting the copper tracks on request.

DIN 41494 compatible	
Matrix (mm):	2.54 x 2.54
Hole diameter:	1.02 mm
Material:	Epoxy glass

Stock no.	dimensions (mm) Length	width	number of tracks	number of holes per track
434-627	160	100	34	52
100-4514	220	100	34	77
100-4182	160	100	34	54



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## DIN Type Stripboards

### Suitable for use with the KM6-II eurocard sub-rack systems

The double-sided microboards are designed for microprocessor applications where compatibility, flexibility, high density and screening are of prime importance. VCC rails and a VCC bus are provided but not connected, so that individual rails may be committed as required. 64//96-way DIN 41612 indirect edge connectors may be fitted at either end.

The 3U (100x160) and 6U (233.4x160) boards are available with plated through holes (pth) as an alternative to the standard types. These boards have the added advantage of linking the top with the bottom pads directly via the holes, thereby dispensing with the need to fit linking pins, etc. Also the integrity of the joint is improved as the solder forms round the component lead on both surfaces, in addition to flowing through the hole. This helps to produce a solid and reliable connection, which is very important in applications where a high degree of vibration may be encountered.

Eurocards are manufactured from either epoxy glass material (blue) to BS4584 Part 3 or 16, or SRBP (synthetic resin bonded paper) material to BS4584 Part 5. Card thickness is 1.6mm. Copper 305g/m<sup>2</sup> (1oz/ft<sup>2</sup>). Holes 1.0mm (0.040in.) dia. are pre-drilled on a 2.54mm matrix and all cards can be used with indirect edge connectors to DIN41612 (see Connectors/Terminals) except SRBP stripboard.

#### Note:

Single-sided microboards have the same wiring pattern as the double-sided types, but omit the ground plane and 0 Volt rails on the component side of the card.

## Specifications:

Number of Sides	1
Hole Pitch:	2.54 x 2.54mm
Dimensions:	220 x 100 x 1.6mm
Length:	220mm
Width:	100mm
Thickness:	1.6mm
Base Material:	Epoxy Glass Fabric Laminate
Hole Diameter:	1.02mm
FR Material Grade:	FR4
Connection:	DIN 41612