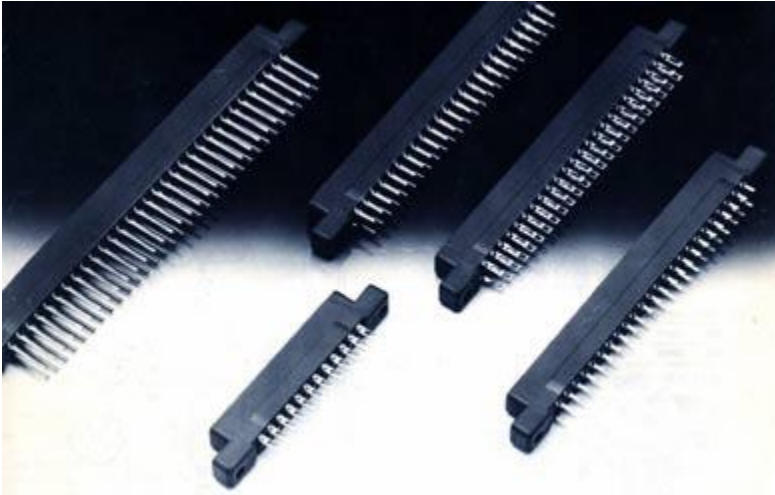




EDGE CONNECTORS

3.81mm Edge Connector

FEATURES



Cinch Connectors 'Greenline' Moulded edge connectors employ bifurcated copper alloy contact springs designed to provide low insertion forces with minimum board wear, and to maintain positive contact with the printed circuit board at all times. Contact edges which engage the board are chamfered to obviate any scoring of the board pads, and sharp radii are avoided to eliminate fatigue fractures.

Your choice of wiring terminals with polarising options and other relevant data is described in detail in this brochure.

Features

- 8, 12, 16, 24 and 32 contact pairs
(Above 32 pairs - please consult factory)
- 4 terminal wiring options
- Bifurcated bellows contact springs
- Selective gold plating for low cost
- Solvent resistant connector mouldings
- M.O.D. approved

MATERIALS AND FINISHES



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Body Moulding	High impact thermoplastic flame retardant Green.
Contact Springs	Copper alloy
Polarising Keys	Nylon
Finish Codes	F 0.5 microns hard gold L 5.0 microns (average) hard gold on mating surfaces and 0.5 microns gold elsewhere S 7.5 microns silver N 5.0 microns nickel (mechanical backing spring only)

TECHNICAL DATA

Current Rating	5A per contact
Voltage Proof	2.25 kV DC or AC Peak
Working Voltage	750 V DC or AC Peak
Contact Resistance	Less than 15 milliohms (including material resistance of contacts)
Insertion Force Nominal P.C.B. Acceptable	227 gm max. per way
P.C.B. Thickness	1,42mm to 1,83mm



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CONNECTOR IDENTIFICATION



Double Row - Standard Series

Contact positions are clearly denoted by numbers and letters on termination side - letters only on board entry side.

Standard Series commences No. 1, letter A

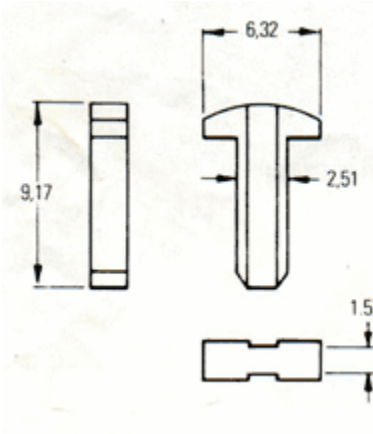
Double Row - Single Sided Connectors

	Standard Identification	**Non-Standard Identification
Active Contact row	by numbers	by letters
Mechanical backing spring row	by letters	by numbers

**Insert 'R' in ordering code

POLARISING KEY

Code reference C



Key, supplied separately for customer insertion between opposing contracts, as required.

Order part number

BH 83013 00 000 000

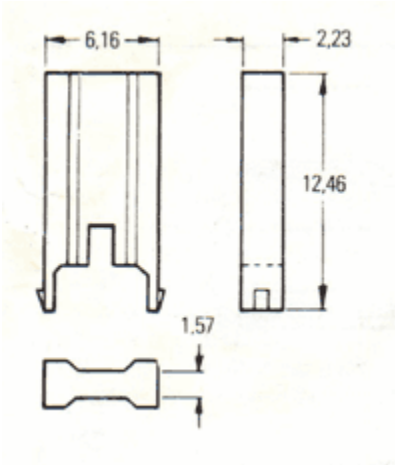


Recommended board slot details for both keys



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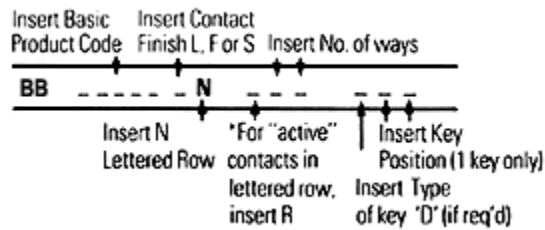
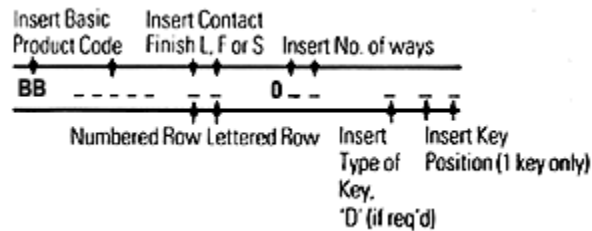
Code reference D

Key occupies a position in place of a pair of opposing contacts. Locks into place and is usually supplied factory fitted in designated position. If required see 'how to order!' Alternately may be supplied loose to suit customer assembly options

When supplied loose Order part number
BH 00135 00 000 000

How to Order

Select terminal option required and complete the relevant part number code as follows:

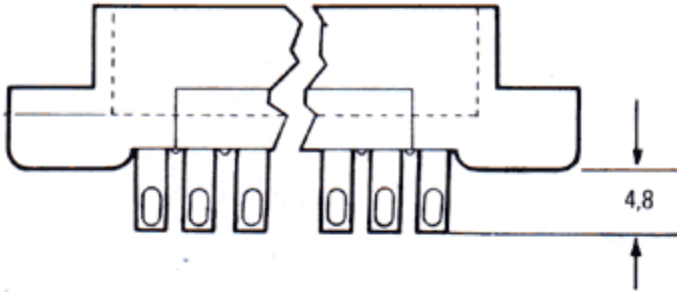


3.81mm Edge Connector

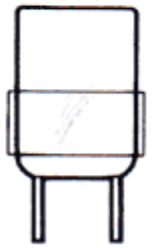
TERMINAL OPTIONS

S Solder Slot for Wire

Terminals, 3,18 x 1,02 wiring slot, 4,8mm projected length



BB	00464	---	---	---	Double sided
BB	00465	- N	---	---	Single sided



6,35
 Lettered Row
 Double sided



Numbered Row
 Single sided

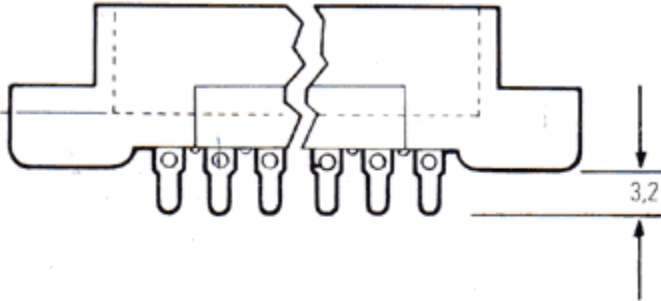
T Through Board Solder Terminals

Terminals, 3,2mm projected length suitable for 1,3mm dia. P.C.B. piercings.



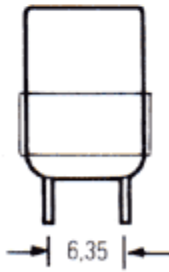
EDGE CONNECTORS

3.81mm Edge Connector

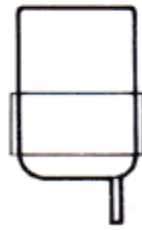


*Part number code

BB	00470	--	--	--	Double sided
BB	00471	- N	--	--	Single sided

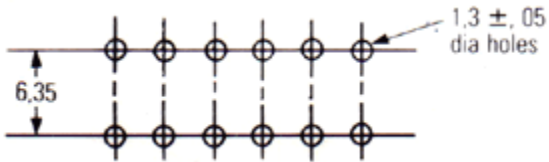


Double sided
Lettered Row



Single sided
Numbered Row

Recommended Board Piercing Details



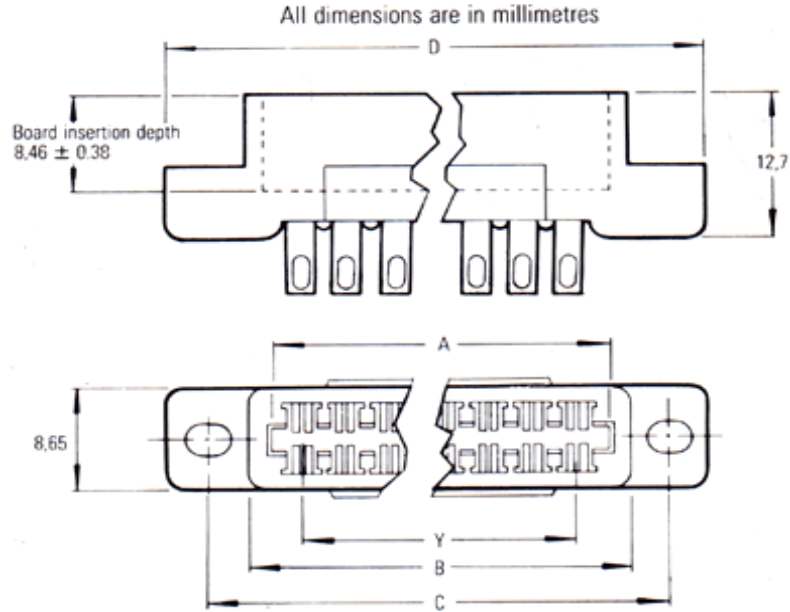


EDGE CONNECTORS

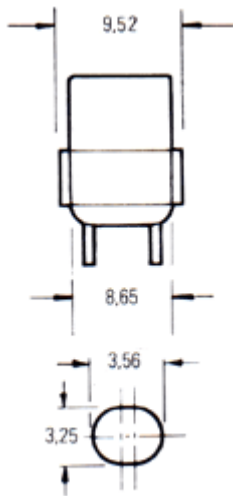
3.81mm Edge Connector

CONNECTOR DIMENSIONS

Moulded Edge Connectors



Greenline standard series 3,81mm pitch.



Detail of fixing hole

No of Ways	A	B	C	D	Y
8	34.29	38.86	45.72	53.34	26.67
12	49.53	54.10	60.96	68.16	41.91
16	64.77	69.34	76.20	83.82	57.15
24	95.25	99.87	106.68	114.30	87.63
32	127.53	130.30	137.16	144.78	128.11

Double and Single Rows available.

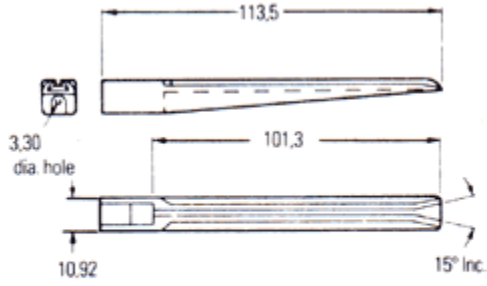
Moulded End Guide

Printed circuit board guide designed for use with -150 series standard Greenline edge connectors. Polypropylene - Black



EDGE CONNECTORS

3.81mm Edge Connector



Order part number

BH 00027 00 000 000