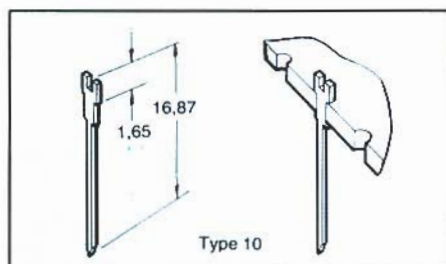


PROTOTYPING BOARD ACCESSORIES

SINGLE SIDED PIN (TYPE 10)

For use with plain or copper-clad boards. These pins have the facility for soldering discrete components on one side and wire wrapping on the other.



Material: Manufactured from phosphor bronze to BS 2870 PB 102 with tin finish over copper flash. Post size: 0.68 mm x 0.64 mm, diagonal 0.94 mm

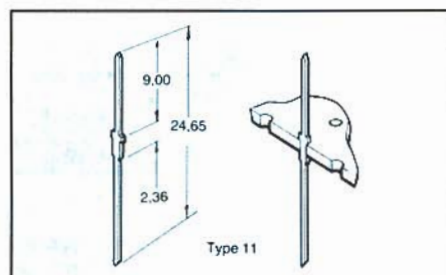
SINGLE SIDED PIN Ordering information

Type	Compatible hole dia.		Order code
	pierced	drilled	
10	1.00	1.05	18-0226F

Supplied in packets of 500

DOUBLE SIDED PIN (TYPE 11)

For use when wire wrapping is required both sides of board.



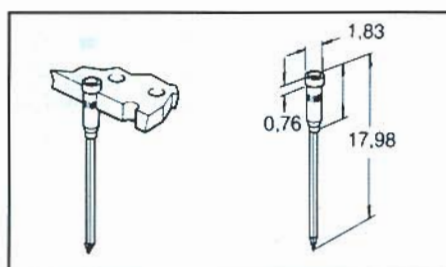
DOUBLE SIDED PIN Ordering information

Type	Compatible hole dia.		Order code
	pierced	drilled	
11	1.00	1.05	18-1657B

Supplied in packets of 500

WIRE WRAP PINS

Machine socketed triple height pressfit wire wrap pins with gold plated beryllium contacts. Typical insertion force 1.8N, withdrawal force 0.9N using a 0.43mm dia. polished steel gauge. Recommended for drilled and PTH holes.



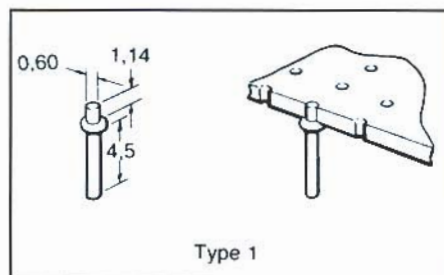
WIRE WRAP PINS Ordering information

Pack size	Order code
100	68-42417H

SOLDER TERMINAL PINS

SHOULDER HALF PIN (TYPE 1)

Designed for take-off points of PCB's where there is insufficient track space for more than 0.64 mm holes.



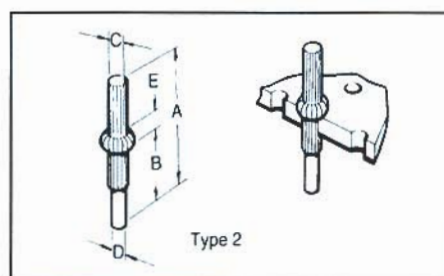
SHOULDER HALF PIN Ordering information

Type	Hole dia.	Order code
1	0.64	18-0221J

Supplied in packets of 1000

SHOULDER TERMINAL PIN (TYPE 2)

By inserting pin up to its shoulder these pins stand at a fixed height above the board surface. The separated profile offers good mechanical retention while electrical contact is made by soldering shoulder to copper track. Available in two sizes for hole size 1.02 and 1.32 mm.



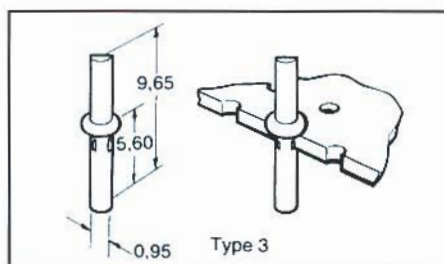
SHOULDER TERMINAL PIN Ordering information

Hole dia.	Dimensions					Order code
	A	B	C	D	E	
1.00	9.7	5.6	1.1	1.0	0.4	18-0222D
1.32	11.9	6.7	1.4	1.2	0.5	18-0219H

Supplied in packets of 1000

SHOULDER TERMINAL PIN (TYPE 3)

Similar to 18-0222D but manufactured from phosphor bronze to BS 2873 PB 102, tin finish over copper flash.



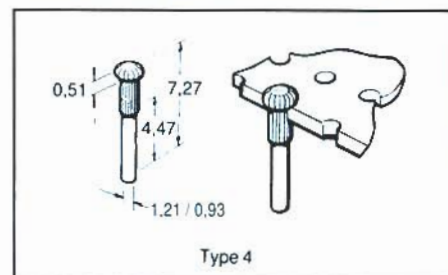
SHOULDER TERMINAL PIN Ordering information

Type	Hole dia.	Order code
3	1.00	18-0218B

Supplied in packets of 1000

HALF PIN (TYPE 4)

These pins are ideally suited to take off points or flying leads from a PCB. The shoulder is soldered to the copper track with the pin protruding on the component side of the board. Two sizes are available for 1.02 and 1.32 mm diameter holes.



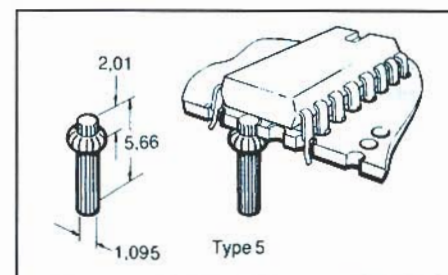
HALF PIN Ordering information

Type	Hole dia.	Dim.A	Order code
4	1.32	1.21	18-0217G
	1.00	0.93	18-0223K

Supplied in packets of 1000

SHOULDERED HALF PIN (TYPE 5)

The pin is similar to the other shouldered pins except that it is soldered to the wiring side of the board, where the main body of the pin protrudes. The top of the pin is flush with the component side of the board, allowing IC's or sockets to be mounted over it.



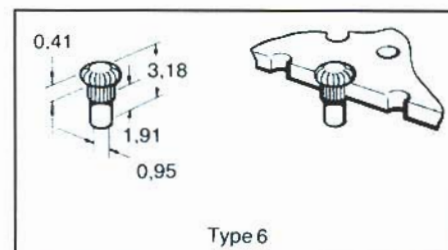
SHOULDER TERMINAL PIN Ordering information

Type	Hole dia.	Order code
5	1.00	

Supplied in packets of 1000

SHORTING PIN (TYPE 6)

This pin is ideal for connecting copper tracks on opposite sides of a PCB. It is a low-cost alternative to PTH boards, allowing a double sided board to be used as an alternative.



SHORTING PIN Ordering information

Type	Hole dia.	Order code
6	1.00	18-0224E

Supplied in packets of 1000

MATERIAL SPECIFICATION

All solder pins are manufactured from brass to BS 2873 CZ 124 (unless otherwise stated) and have a tin finish over a copper flash.

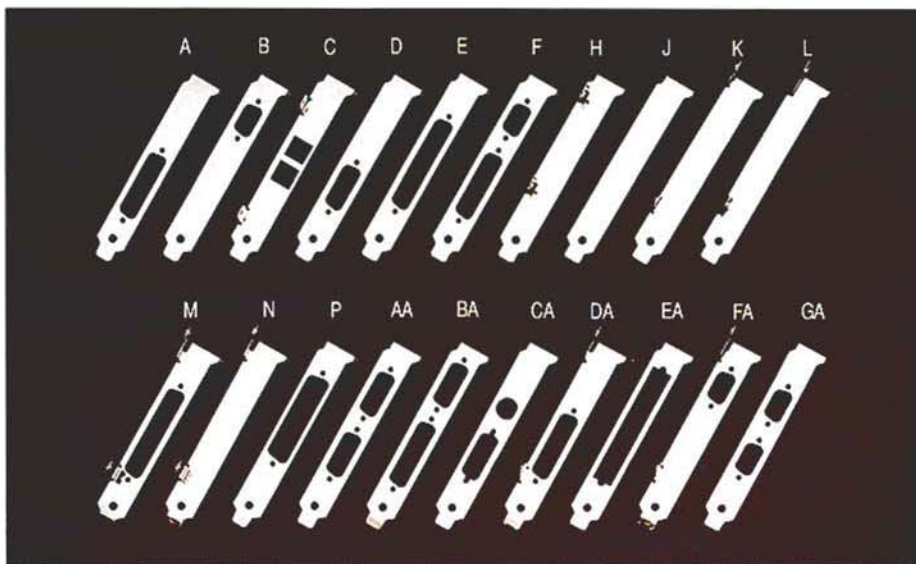
I/O CARD BRACKETS

As an extension to the range of IBM PC, PCXT and PCAT (and equivalents) prototyping boards VERO Electronics now have available a range of brackets suitable for fitting to the rear of IBM expansion boards.

IBM brackets are available in various forms, with or without board fixing 'ears' with provision for different types of connector I/O, and are designed for fitting on either the component or solder side of the board. 20 bracket types are available ex-stock covering the most widely used applications.

MATERIAL SPECIFICATION

All brackets are manufactured from 0.80mm thick steel and finished in bright nickel plate.



IBM PC I/O CARD BRACKETS

Ordering information

Type	Description	PCB mtg. centres	Order code	Type	Description	PCB mtg. centres	Order code
A	25 way 'D' type	-	427-59693J	M	37 way 'D' type-solder side mounted	90.8 mm	427-59703G
B	9 way 'D' type	-	427-59692A	N	Blank panel - solder side mounted	90.8 mm	427-10036D
C	Twin phone type	73.7mm	427-59694F	P	50 way D type	-	427-10023F
D	15 way 'D' type	-	427-59695C	AA	15 way & 15way D type	-	427-10027F
E	37 way 'D' type	-	427-59696L	BA	15 way & 25 way D type	-	427-10037A
F	9 way & 25 way 'D' types	-	427-59697H	CA	15 way D type & BNC $\pm$ 12.8mm	-	427-10038J
H	Blank panel-component side mounted	61.0mm	427-59699B	DA	25 way D type - solder side mounted	90.8 mm	427-10039F
J	Blank panel-no PCB mounting	-	427-59700E	EA	50 way Centronics	-	427-10040G
K	Blank panel-solder side mounted	88.9mm	427-59701B	FA	9 way D type - solder side mounted	90.8 mm	427-10032E
L	Blank panel-component side mounted	88.9mm	427-59702K	GA	9 way & 9 way D type	-	427-10041D

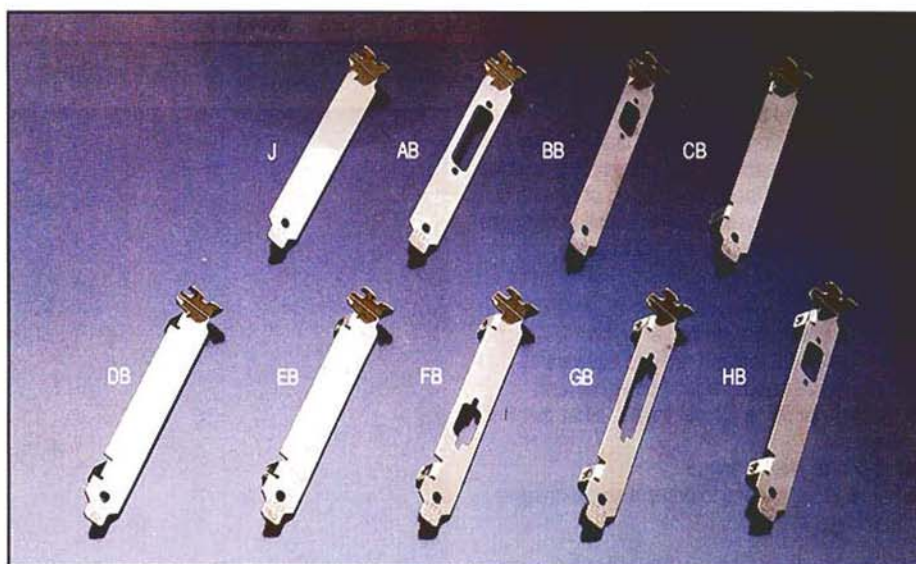
PCI I/O BRACKETS

To support the emerging PCI products that are being introduced into the marketplace, VERO Electronics is offering a range of PCI brackets.

Nine brackets are available to cover the most widely used applications.

MATERIAL SPECIFICATIONS

All brackets are manufactured from 0.80mm thick steel and finished in bright nickel plate



PCI I/O CARD BRACKETS

Ordering information

Type	Description	PCB mtg. centres	Order code
J	Blank bracket - no PCB mounting	-	427-59700E
AB	25 way 'D' cut-out - no PCB mounting	-	427-314431L
BB	9 way 'D' cut-out - no PCB mounting	-	427-314432J
CB	Blank bracket - PCB mounting	85.39 mm	427-314433G
DB	Blank bracket - with 4-40 PCB mounting	85.39 mm	427-314434E
EB	Blank bracket - with M3 PCB mounting	85.39 mm	427-314435C
FB	9 way 'D' cut-out - with 4-40 PCB mounting	85.39 mm	427-314436A
GB	25 way 'D' cut-out - with 4-40 PCB mounting	85.39 mm	427-314437K
HB	9 way 'D' cut-out - with 4-40 PCB mounting	85.39 mm	427-314438H