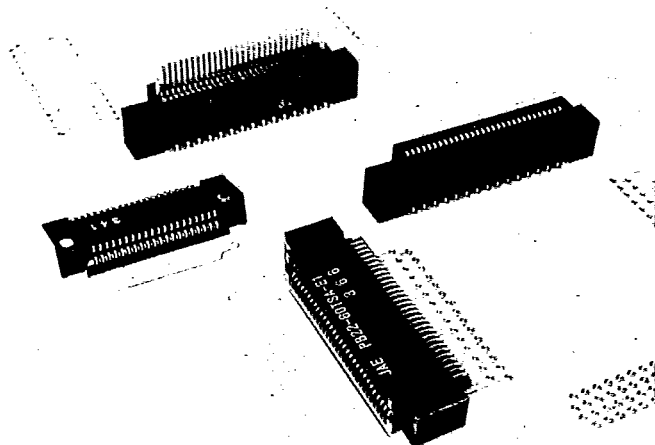


HIGH DENSITY .050" (1.27mm) PITCH CARDEDGE CONNECTORS DOUBLE READOUT

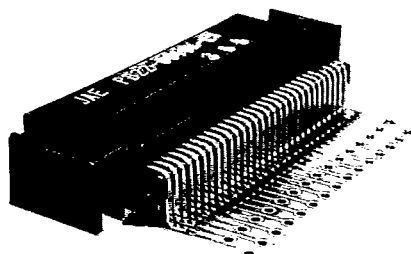
PB22 SERIES

JAE CONNECTORS

A-61-41-05



Surface mounting to P.C.B.



PB22 is a cardedge connector of 1.27 mm (0.050") pitch which is most appropriately used in personal, handheld and pocket computers in which minituarization and high density are prime consideration.

Using a simply designed double readout contact of pre-load canti-lever and an insulator of glass filled nylon, UL94V-O, both right angle and straight through hole types are available.

Unique mounting method of the right angle through hole type to the P.C. Board, i.e., the staggered double rows of through hole and the one row of surface mounting, makes high density mounting on the pattern on both sides of P.C. Board.

Office automation, office equipment, computers and medical equipment are major application of this PB22 connector.

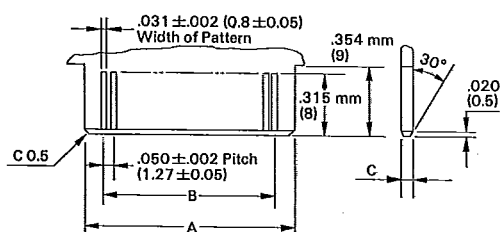
Material and Finish

Component Part	Material	Finish
Insulator	Glass-filled nylon	UL94V-O, Black
Contact	Phosphor Bronz	Gold over nickel plate

Standard Data

Current rating	0.5A
Dielectric withstanding voltage	AC 500 V r.m.s.
Insulation resistance	min. 100 M Ω
Contact resistance	max. 20 m Ω
Individual unmating force	min. 30 gr
Total insertion force	max. 0.15 kg \times no. of contact
Total unmating force	(0.05~0.1) kg \times no. of contact
Temperature range	-25°C ~ +85°C
Life	500 cycles

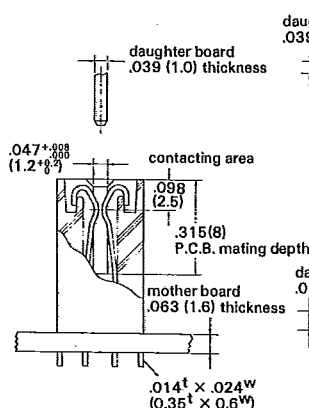
APPLICABLE P.C.B. AND CONNECTOR MATING GUIDE



Part Number	A 1.050 (26.67)	B .950 (24.13)	C .039 (1.0)
PB22-40TS-E1	1.050 (26.67)	.950 (24.13)	.039 (1.0)
PB22-60TSA-E1	1.550 (39.37)	1.450 (36.83)	.063 (1.6)
PB22-60T-E1	1.550 (39.37)	1.450 (36.83)	.039 (1.0)

Straight through hole

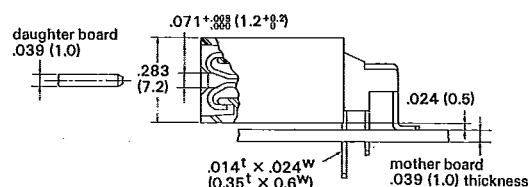
• PB22-60T-E1



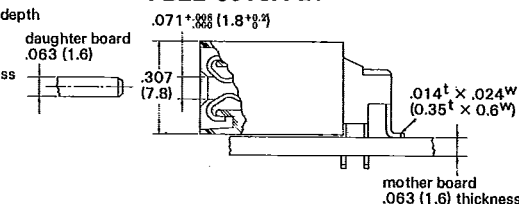
Dimension are in inches (mm in parentheses)

Angle through hole

• PB22-40TS-E1



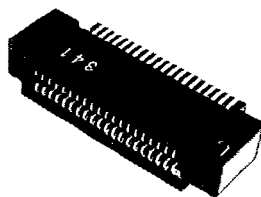
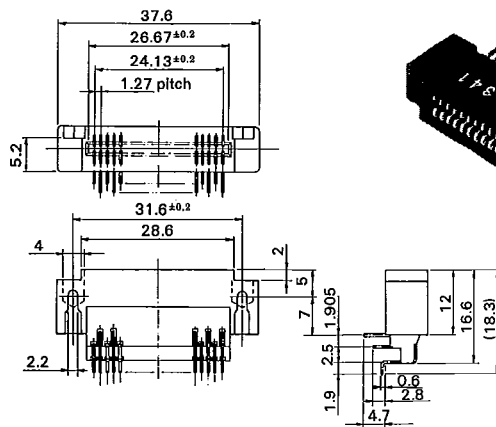
• PB22-60TSA-E1



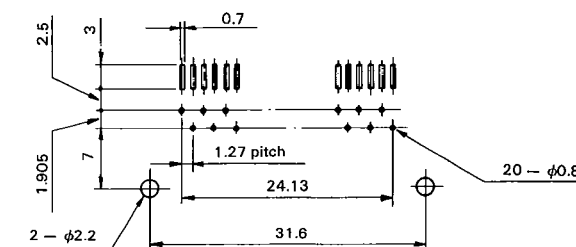
PB22 Series Connectors

Part Number: PB22-40TS-E1

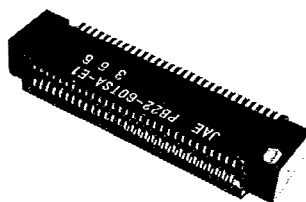
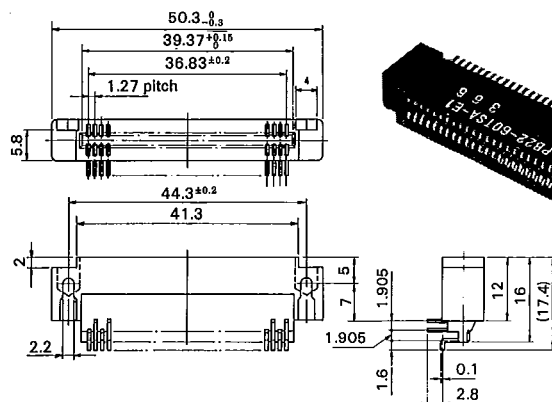
(Dimension are in mm)



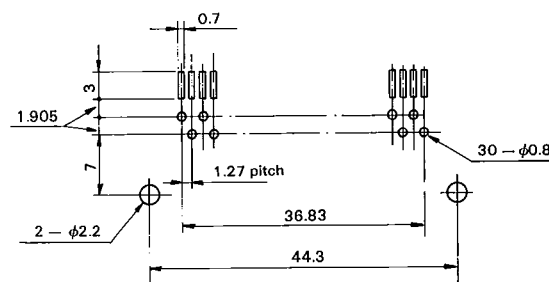
P.C.B. Hole Pattern



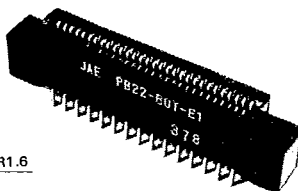
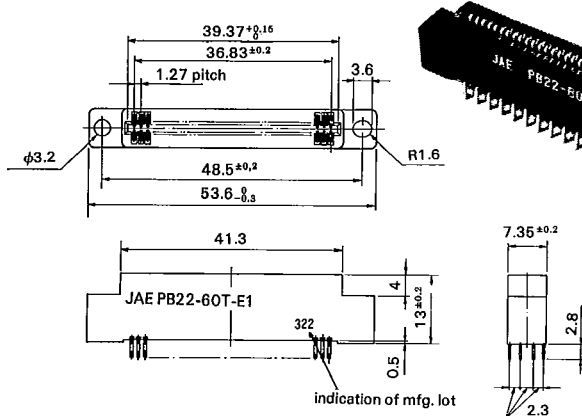
Part Number: PB22-60TSA-E1



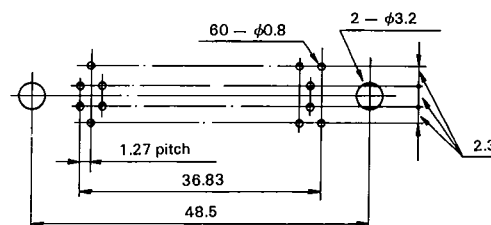
P.C.B. Hole Pattern



Part Number: PB22-60T-E1



P.C.B. Hole Pattern



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