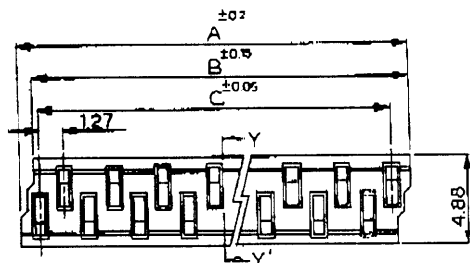


E-tec

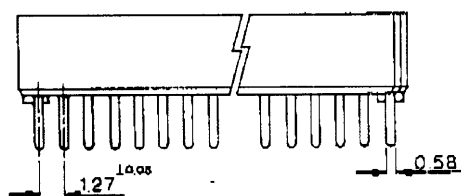
the Swiss connection

"ECONOMY" SOCKETS

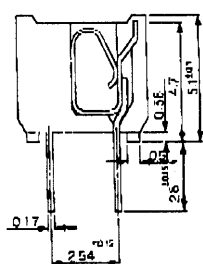
Top view



Front view

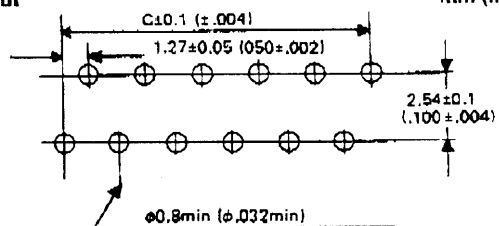


Cross section & contact design



mm (inch)

PCB layout

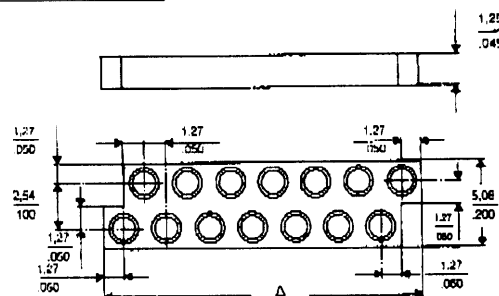


mm (Inch)

applicable to "Economy" and "Precision" version

PRECISION SOCKETS

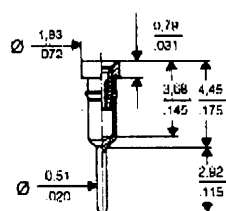
Insulator



mm (inch)

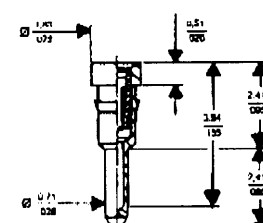
"Reversed" also possible

Standard version



Pin -001

Low Profile version



Pin -083

PRECISION VERSION - STANDARD -

PIN	ORDERING CODE	DIM "A" mm/inch	Plating	
			Terminal	Clip
20	ZZP-020-S001-01	26.67/1.050	tin	gold
24	ZZP-024-S001-01	31.75/1.250	tin	gold
28	ZZP-028-S001-01	36.83/1.450	tin	gold

PRECISION VERSION - LOW PROFILE -

20	ZZP-020-S083-01	26,67/1.050	tin	gold
24	ZZP-024-S083-01	31,75/1.250	tin	gold
28	ZZP-028-S083-01	36,83/1.450	tin	gold

	"ECONOMY" VERSION	DIM "A"	DIM "B"	DIM "C"
16	ZZL-016-T051-00	20,75/817	20,32/800	19,05/7500
20	ZZL-020-T051-00	25,93/1.017	25,40/1.000	24,13/950

**Other pin-outs are available on request
for both versions.**

Specification - "Economy" Sockets

Material

Contact	: CuSn
Plating	: tin
Insulator	: glass filled Polyester UL 94 V-0

Mechanical data

Operating temperature	: -55°C to +105°C
Insertion force / contact	: 3.33 N max.
Extraction force / contact	: 0.24 N min.
Contact life	: >50 cycles

Electrical data

Contact resistance	: 30 mOhm max.
Insulation resistance	: 5000 MOhm min.
Breakdown voltage	: 1 KV min.
Capacitance	: 0,5 pF max.
Maximum current	: 1A

Specification - "Precision" Sockets

Material

Terminal	: CuZn
Clip	: BeCu
Insulator	: glass filled Polyester UL 94 V-0

Mechanical data

Operating temperature	: -65°C to +175°C
Insertion force / contact	: 1,80 N (avg)
Extraction force / contact	: 0,90 N (avg)
Contact life	: > 100 cycles

Electrical data

Contact resistance	: 4,3 mOhm typ.
Insulation resistance	: 5×10^9 Ohm min.
Breakdown voltage	: 1 kV min.
Capacitance	: 2 pF max.
Maximum current	: 1A