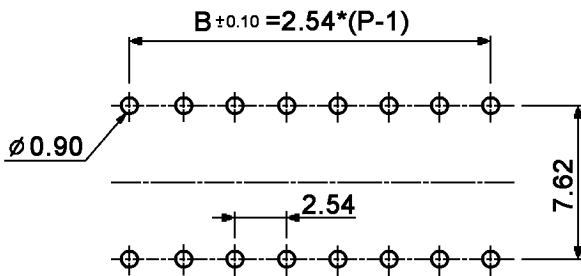


P.C.B. LAYOUT



xx	Poles	DIM. A	DIM. B
01	1	2.44	-
02	2	4.98	2.54
03	3	7.52	5.08
04	4	10.06	7.62
05	5	12.60	10.16
06	6	15.14	12.70
07	7	17.68	15.24
08	8	20.22	17.78
09	9	22.76	20.32
10	10	25.30	22.86
12	12	30.38	27.94

Specifications:

Contact rating:

non-switching: 100mA, 50V DC  
 switching: 25mA, 24V DC  
 min.: 20mV AC/DC at 1µA

Contact resistance:

100mOhm max.

Insulation resistance:

100MOhm min. at 500V DC for 1 minute +/-5sec.

Dielectric strength:

500V AC (50/60Hz) for 1 minute

Shock resistance:

MIL STD 202F, method 213B, cond. A,  
 contact interruption <10µsec.

Vibration resistance:

MIL STD 202F, method 204, cond. C,  
 contact interruption <10µsec.

Operating temperature:

-40°C to +85°C

Storage temperature:

-40°C to +85°C

Mechanical life:

5 000 cycles

Operating force:

1 000gf max.

Soldering conditions:

260°C max., 10sec. max.

Material:

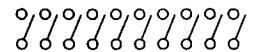
Cover / base: high-temp. thermoplastic PA-9T UL94V-0,  
 molded black

Contact: copper, 0.3µm gold plated over 0.5µm nickel

Terminal: brass, 0.3µm gold plated over 0.5µm nickel

Actuator: thermoplastic LCP UL94V-0, molded white

SCHEMATIC (TYP.)



(12 POS. AVAIL)



Tolerances: ±0.2mm	Date	Name
	07/10	dr
Rename	02/14	dr
Specifications	05/11	dr
Number of poles	11/10	dr
Modifications	Date	Name

**DBS 51xx G**

**knitter-switch**

**30 21 45**

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