TYPE DG

24 position rotary wafer switches

FEATURES

Gold contacts for electrical stability
Long operational life
Balanced positive indexing
100% electrically tested
Stainless steel spindles
Wide operating temperature range
24 positions
Multi wafer
Dual concentric

TECHNICAL SPECIFICATION

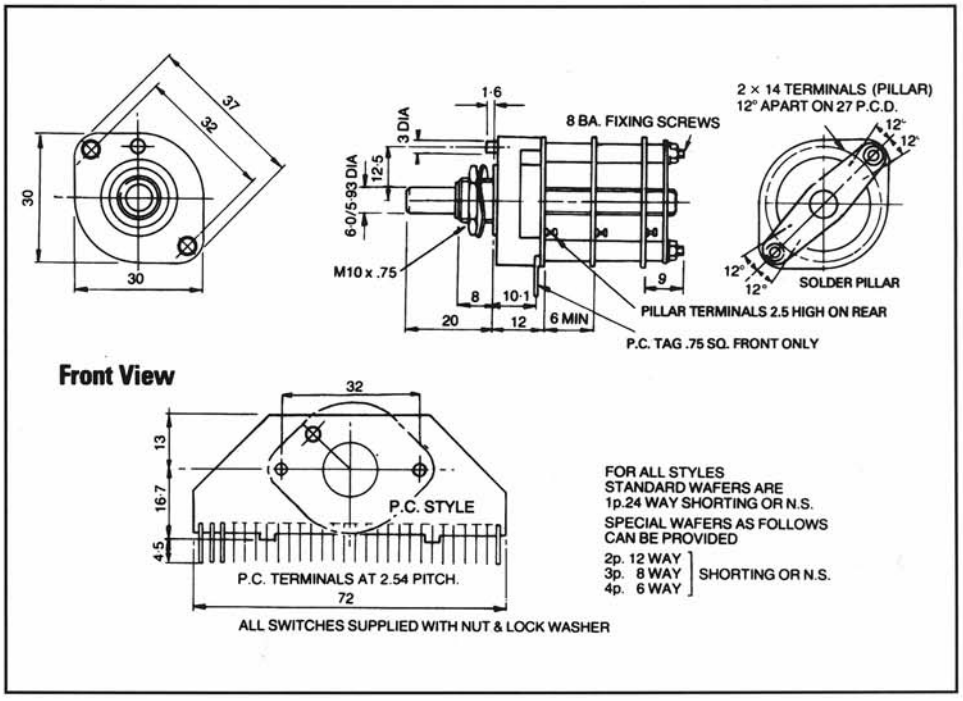
Electrical Specifications

Contact Rating:-	
Switching	5VA dc. 10VA ac. (1A max) resistive
Continuous	2A
Proof Voltage (for 1 min.)	1000 V peak, adjacent term
Insulation Resistance	500MΩ min at 500 volts dc.
Contact resistance (at terminals)	60mΩ maxinitially measured at 100mV, 100mA. after 20,000 cycles max increase from initial value 20mΩ
Capacitance	3pf adjacent terminals
Endurance	20,000 cycles at upper temp category (85°) & VA rating

Mechanical Specifications

Temperature Range	-40°C/+85°C
Contact Finish	Hard acid gold 2μm on nickel 5μm
End Stop Strength	1.13Nm
Terminal Strength	Tensile test load 10N
Sealing	Spindle & panel seal option max. leakage 1ml/hour.
Mounting Bush	Brass electroplated
Spindle	Stainless steel or zinc plated
Moulded Parts	Glass filled nylon 66
Endurance	50,000 cycles
Wafer	Epoxy glass laminate copper clad etched & electroplated as contact
Terminals	PC - brass tin lead Pillar - brass silver plated

Dimensions in mm



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