

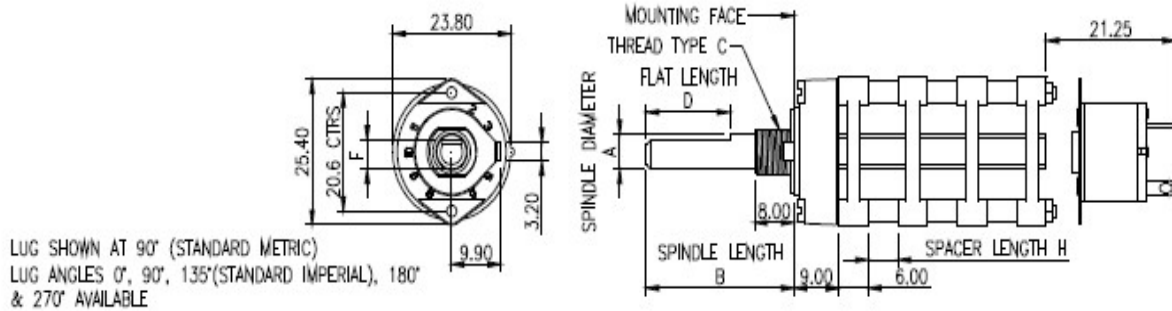
RA ROTARY SWITCH

ELECTRICAL & MECHANICAL SPECIFICATION

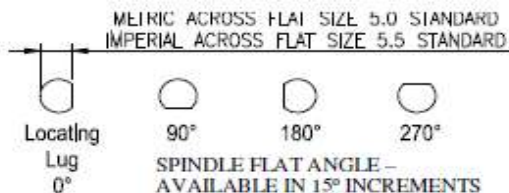
Switch Rating: (Resistive load)	500mA @ 24V ac/dc	Life:	>10,000 Cycles
Proof Voltage:	1,000Vac Initial)	Operating Temperature:	-30°C to +85°C
Insulation Resistance:	>999 MΩ at 500V dc (Initial)	Operating Torque (nominal):	Standard 7.2 cNm
Contact Resistance	<20 mΩ (Initial)	End Stop Torque (nominal):	1.2 Nm
Contact/Terminal Material:	Brass CZ108 Ag Plated	Spindle Material:	Mild Steel Zn Plated & Passivated
		Wafer Material:	Polyphenylene Sulphide (PPS)
		Housing Material:	Zinc Alloy Bright Zinc Plated

FEATURES

25.4mm diameter multi wafer switch	Adjustable stops to restrict number of positions	Shorting (MBB make before break) or non-shorting (BBM break before make) contacts
Standard self-staking wafers	Spindles with special sizes and flats	Standard 30° indexing, 45°, 60° and 90° also available
Solder or PCB terminals	Standard silver contacts, gold flashed or gold plated also available	Mains module options
		Made in UK

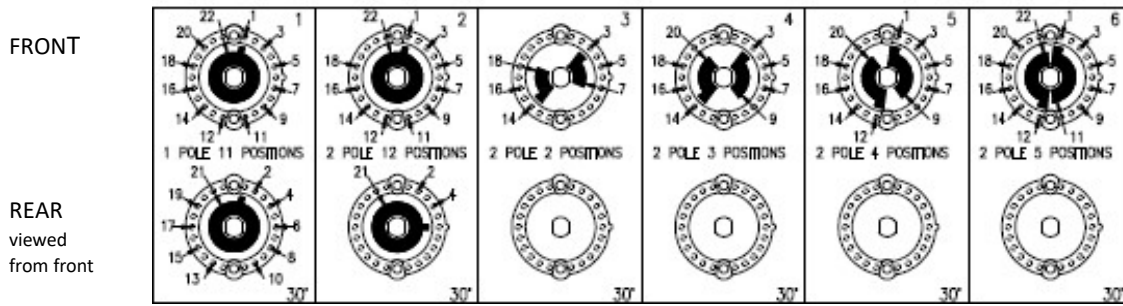


SPINDLE OPTIONS

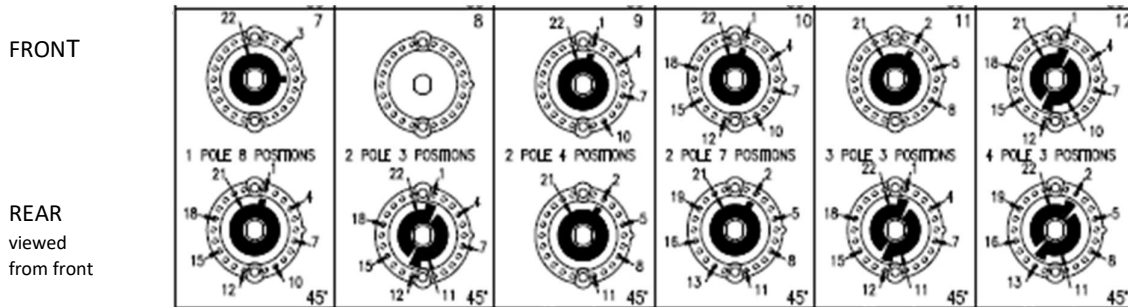


	A	B	C	D	E	F	G	HJKL
	Spindle Diameter	Spindle Length	Bush Thread	Spindle Flat Lgth	Spindle Angle	Spindle Flat	Locating Lug Angle	Spacer Length
IMPERIAL	6.35mm	50mm	9.52 x 32TPI			(5.5mm)		
METRIC	6.0mm	50mm	M10 x 0.75			(5.0mm)		

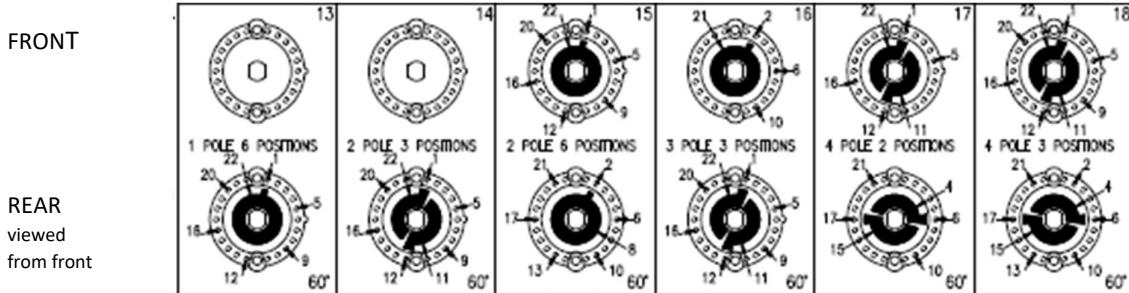
30° WAFER LAYOUTS



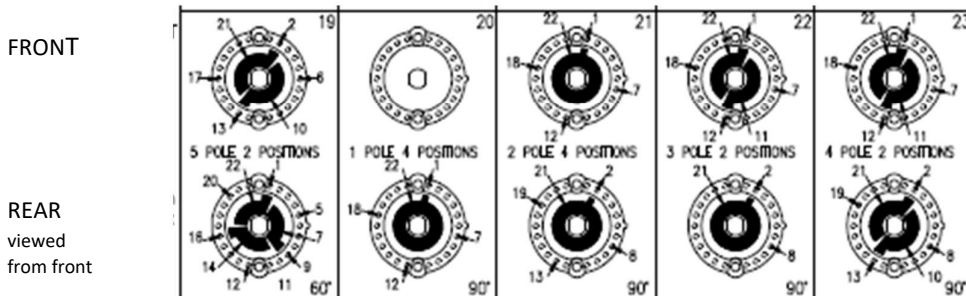
45° WAFER LAYOUTS



60° WAFER LAYOUTS

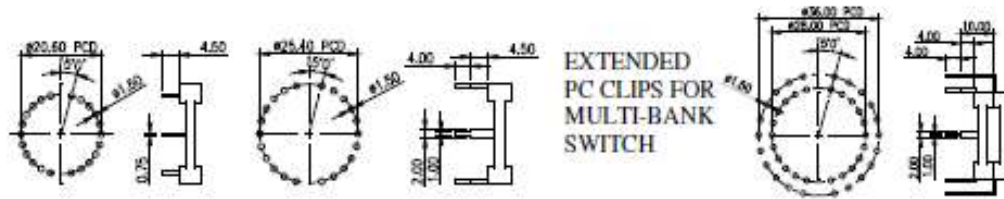


90° WAFER LAYOUTS



FRONT AND REAR WAFERS VIEWED FROM FRONT OF SWITCH IN FURTHEST COUNTER
CLOCKWISE POSITION

PRINTED CIRCUIT TERMINAL TYPES

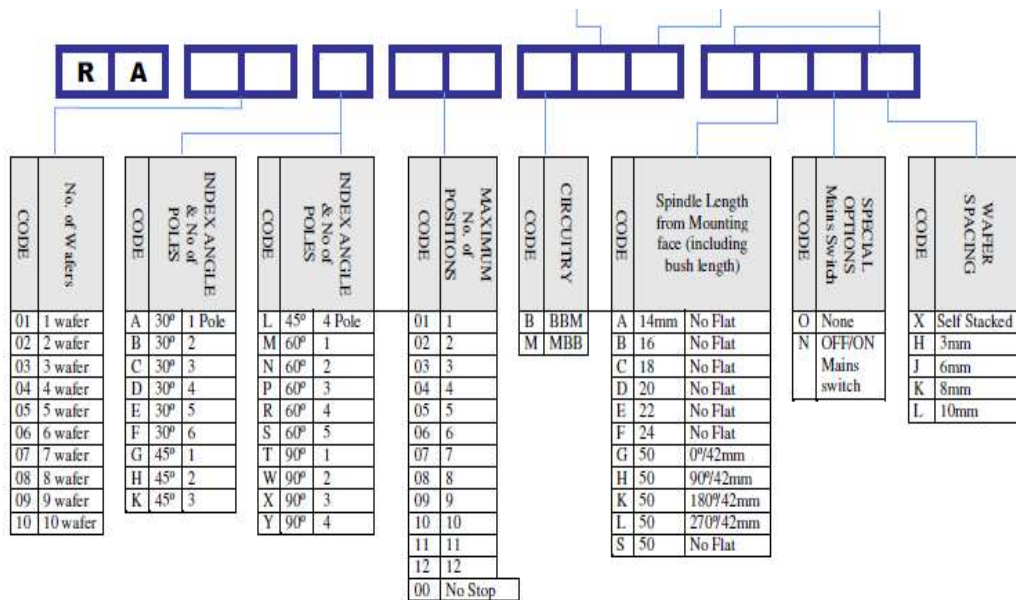


PRINTED CIRCUIT PINS STANDARD PRINTED CIRCUIT CLIPS

RA ORDERING CODE

Nb. Standard spindles are unflattened x 50mm FMF (from mounting face) This includes the length of the 8mm bush. Popular Non-Standard Spindles (unflattened) are 14mm, 16mm, 18mm, 20mm, 22mm and 24mm FMF

CODE	TERMINAL	CODE	CONTACT PLATING	CODE	SPINDLE/ BRUSH
S	Solder Clips	S	Silver (2μ)	M	6mmØ M10 x 0.75
P	20.5mmØ	G	Gold Plate (Au 2.5 μ, Ni 2 μ)	I	6.35mmØ 9.52 x 32TPI
A	25.4mmØ				
B	28.0mmØ	F	Gold Flash (0.2 μ)		
C	36.0mmØ				



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lorlin:](#)

[RA3259](#)