RA ROTARY SWITCH

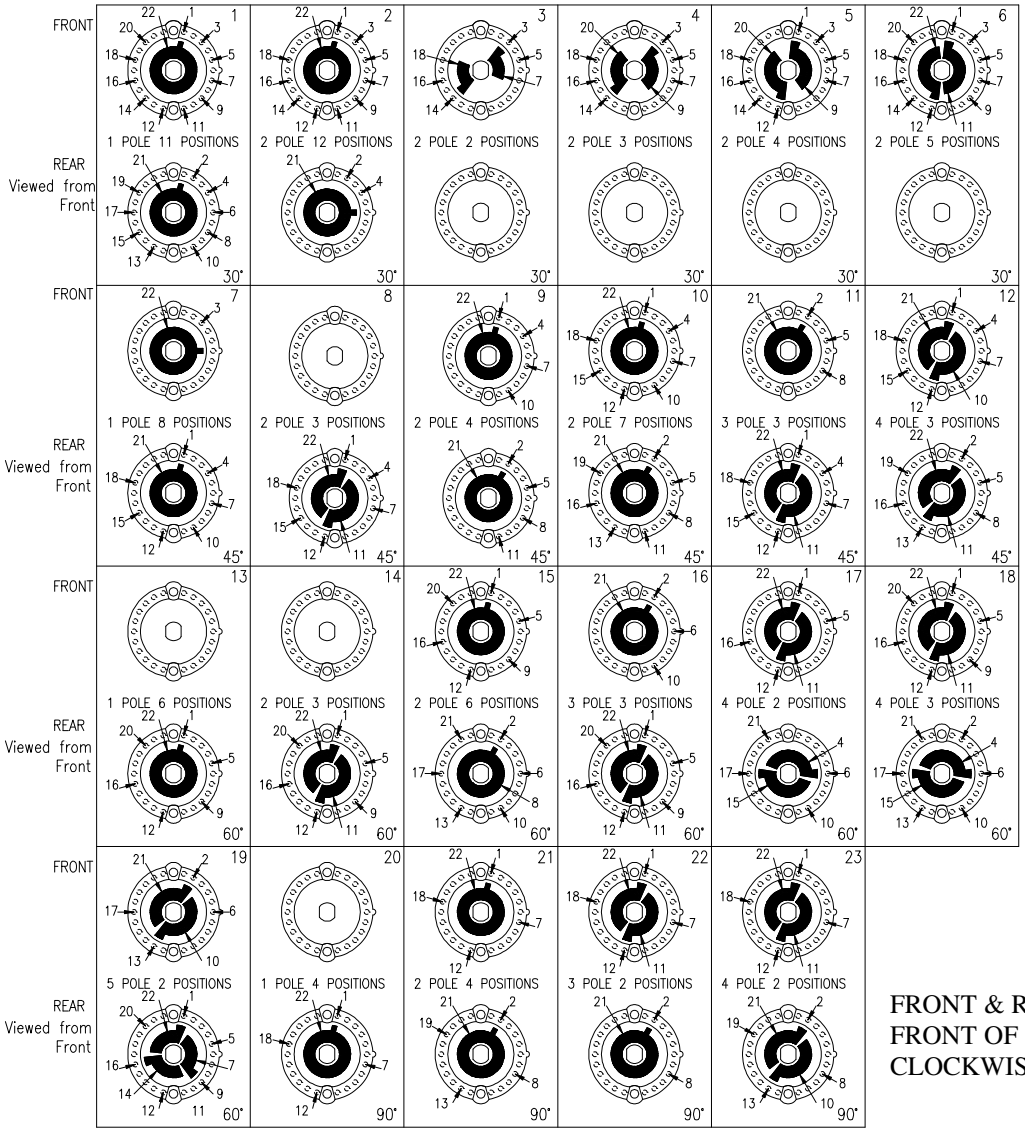
RoHS COMPLIANT

GENERAL ELECTRICAL & MECHANICAL SPECIFICATION

Switch Rating:	150mA @ 250V ac/dc
(resistive load only)	350mA @ 110V ac/dc
	1A @ 12V ac/dc
Life:	>10,000 Cycles
Operating Temperature:	-30ºC to +85 ºC
Proof Voltage:	1,000Vac (Initial)
Insulation Resistance:	>999 MΩ at 500Vdc (Initial)
Contact Resistance:	<20 mΩ (Initial)
Operating Torque (nominal):	7.2 cNm
End Stop Torque (nominal):	1.2 Nm
Wafer:	Polyphenylene Sulphide (PPS)
Housing:	Zinc Alloy Bright Zinc Plated
Contact/Terminal Material:	Brass CZ108 Ag Plated
Spindle:	Mild Steel Zn Plated and Passivated



TYPICAL WAFER LAYOUTS 30º 45º 60º 90º



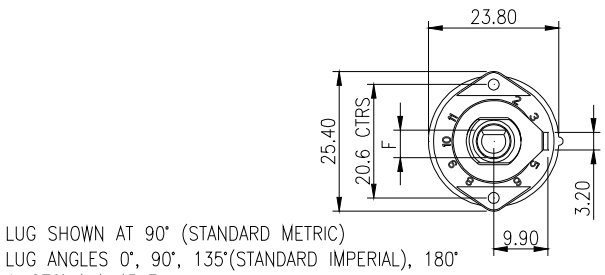
GENERAL FEATURES

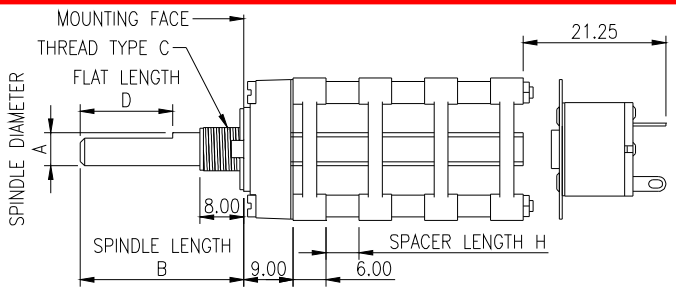
- Made in UK
- 25.4mm diameter multi-wafer rotary switch
- Standard 30º Indexing.
- Solder or Printed Circuit Board.
- Shorting (MBB) or non shorting (BBM) contacts.
- Adjustable stop to restrict number of positions
- Standard self-stacking wafers
- P.C. Terminals pitch circle diameter versions
- Special options: 45º, 60º or 90º indexing, Gold Flashed or Gold Plated contacts, rotary mains switch, insulated drive shafts, spindles with special flats, slots or knurls.

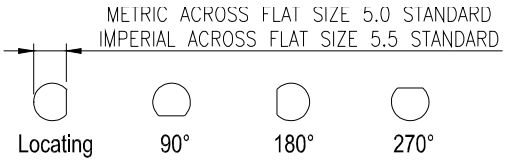
FRONT & REAR WAFERS VIEWED FROM FRONT OF SWITCH IN EXTREME COUNTER CLOCKWISE POSITION

Lorlin Electronics Ltd, Harwood Industrial Estate, Harwood rd, Littlehampton, W. Sussex BN17 7AT England
Tel (+44) 01903 725121 Fax (+44) 01903 726808 E-mail sales@lorlin.co.uk | www.lorlin.co.uk

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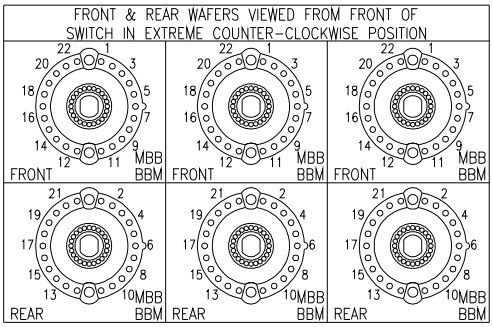


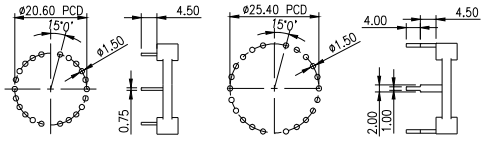




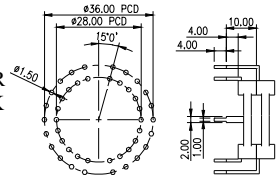
SPINDLE FLAT ANGLE – AVAILABLE IN 15° INCREMENTS

	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)		





PRINTED CIRCUIT PINS



EXTENDED PC CLIPS FOR MULTI-BANK SWITCH

STANDARD PRINTED CIRCUIT CLIPS

ORDERING CODE

Please Note: Standard Spindles are unflattened x 50mm FMF. Preferred Non-Standard Spindles (unflattened) are 14mm, 16mm, 18mm, 20mm, 22mm and 24mm from the mounting face (FMF). These lengths include the length of the 8mm long bush

CODE	TERMINAL
S	Solder Clips
P	20.5mmØ
A	25.4mmØ
B	28.0mmØ
C	36.0mmØ

CODE	CONTACT PLATING
S	Silver (2µ)
G	Gold Plate (Au 2.5 µ, Ni 2 µ)
F	Gold Flash (0.2 µ)

CODE	SPINDLE/ BUSH
M	6mmØ M10 x 0.75
I	6.35mmØ 9.52 x 32TPI

R A | | |