SpectraEDGE SCES ranges

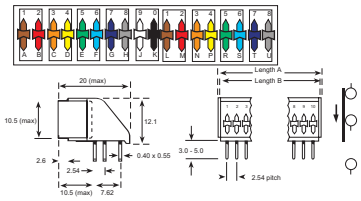
SpectraEDGE

The space saving switch for 'through panel' mounting, where the user is expected to set the codes, or other live card access which might include two state resistor pull up/pull down applications.

- Uses just half the length of competitive changeover switches.
- Allows for through panel mounting from the edge of the PCB.
- 1µm hard gold plated wiping contact gives high reliability in low level circuits.
- Base and tape sealed for flow soldering and solvent/aqueous washing.
- If you have a volume requirement for a product variant not shown on this sheet, please contact us.

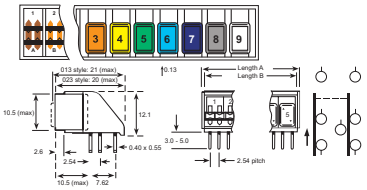
Spectra C EDGE, CHANGEOVER s.p.s.t. SDES 023 series

Number of d.p.d.t.	Part Nos SCES-plus suffix	Length 'A' mm max	Length 'B' mm max
2	2-023	7.5	6.7
4	4-023	12.6	11.8
8	8-023	22.7	21.9
12	12-023	32.9	32.1



Spectra C EDGE, CHANGEOVER d.p.d.t. SCES-G-023 series

Number of d.p.d.t.	Part Nos SCES-plus suffix	Length 'A' mm max	Length 'B' mm max
6.7	1	1G2-023	7.5
11.8	2	2G2-023	12.6
16.8	3	3G2-023	17.6



Principal Electrical and Performance Data

at 20°C 70% R.H.

Contact Ratings: Non Switching: 100Vac, 5A Switching: 1µV to 100V, 1µA to 1A up to 10VA.

Initial Contact Resistance: (at 10mV, 10mA max.) Typical: 10mΩ. Max. 20mΩ.

Insulation Resistance: (at 500Vdc min.) 10,000MΩ.

Life: For the first 1000 closures the standard deviation of the change in resistance from the mean is usually less than 1mΩ. Mechanical wear out of the sliding actuator is usually observed after 10,000 operations.

Dielectric Strength: 1 minute: 500Vrms 50Hz.

Capacitance Between Open Contacts: < 1pf at 1KHz.

Temperature: Operating range for continuous electrical use and manual operation is restricted to -55°C to +100°C for standard products.

Humidity: BS 2011 Test Ca: 56 days.

Soldering: solderability: < 2 seconds to wet at 235°C as per IEC 68 and BS 2011 Test T, solder bath method.

Resistance to soldering heat as per IEC 68 and BS 2011 10 seconds satisfactory at 260°C when mounted on 1.5mm PCB.

Please note: BS 2011 is now superseded by BS EN 60068.

ITW Erg Components
Luton Road, Dunstable, Bedfordshire LU5 4LJ England
Telephone: 01582 662241 Fax: 01582 600767

E-Mail info@erg.co.uk http://www.erg.co.uk