

IKC series

Surface mount • J bend • half pitch •
dual in line switches



DISTINCTIVE FEATURES

Standard 1.27 mm (0.05) integrated circuit pitch

Even pole numbers

J bend terminals

Gold plated terminals



ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature Range: -20 °C to +70 °C (-4 °F to +158 °F)
- Storage Temperature Range: -40°C to +85°C (-40 °F to +185 °F)



ELECTRICAL SPECIFICATIONS

- Max. Current/Voltage Rating:
 - Switching: 25 mA 24 VDC
 - Contact rating: 100 mA
- Initial Contact Resistance: 100 mΩ max
- Insulation Resistance: 500 MΩ min. at 100 VDC
- Dielectric Strength: 300 VAC min. for 60 seconds



GENERAL SPECIFICATIONS

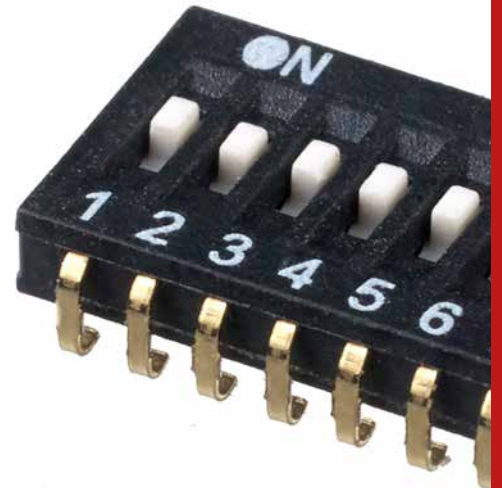
- Actuation force : 800 gf(7.84 N) max.
- Mechanical life: 1,000 cycles
- Process compatible - withstand IR and vapor phase reflow soldering
- Washable with tape seal



MATERIALS

- Case & base: Polyamide
- Actuator: Polyamide
- Contact spring: Copper beryllium alloy
- Contact: Gold plated
- Terminal: Gold plated
- Protection Tape: Polyimide

The company reserves the right to change specifications without notice.



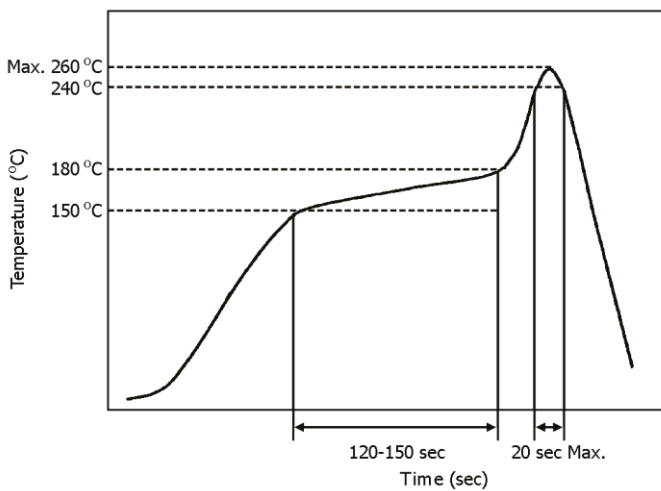
IKC series

Surface mount • J bend • half pitch • dual in line switches

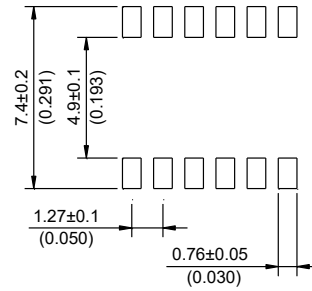


SOLDERING AND CLEANING

- Reflow solder 240 °C (464 °F) for 20 seconds Max
- Switch surface temperature must not exceed 260 °C (500 °F)
- Care should be taken to prevent flux adhering to the switch
- Only top tape seal version are suitable for spray cleaning



PCB LAYOUT

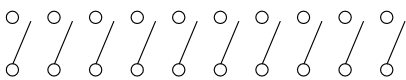


PACKAGING

Number of ways	TAPE AND REEL	IC TUBE
2	2000 pcs	71 pcs
4		42 pcs
6		30 pcs
8		23 pcs
10		19 pcs



CIRCUIT



2, 4, 6, 8, 10 way only

IKC series

Surface mount • J bend • half pitch • dual in line switches



BUILD YOUR PART NUMBER

<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">IKC</div> <p>.....</p> <p>SERIES</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">—</div> <p>.....</p> <p>NUMBER OF WAYS</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">—</div> <p>.....</p> <p>MODEL TYPE</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">—</div> <p>.....</p> <p>TAPE SEAL</p>																		
	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px;">02</td><td>Two way</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">04</td><td>Four way</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">06</td><td>Six way</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">08</td><td>Eight way</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">10</td><td>Ten way</td></tr> </table>	02	Two way	04	Four way	06	Six way	08	Eight way	10	Ten way	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px;">050</td><td>SMT recessed actuators IC tubes</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">060</td><td>SMT recessed actuators T/R</td></tr> </table>	050	SMT recessed actuators IC tubes	060	SMT recessed actuators T/R	<table border="0"> <tr><td style="background-color: #cccccc; padding: 2px;">00</td><td>Top tape seal</td></tr> <tr><td style="background-color: #cccccc; padding: 2px;">01</td><td>No tape seal</td></tr> </table>	00	Top tape seal	01	No tape seal
02	Two way																				
04	Four way																				
06	Six way																				
08	Eight way																				
10	Ten way																				
050	SMT recessed actuators IC tubes																				
060	SMT recessed actuators T/R																				
00	Top tape seal																				
01	No tape seal																				

SMT J BEND



Number of Poles	Dimension "A"
2	3.70 (0.14)
4	6.20 (0.24)
6	8.75 (0.34)
8	11.30 (0.44)
10	13.80 (0.54)

