TELCONA
TELCONA AG • Im Vorderasp 4 • CH-8154 Oberglatt • Switzerland
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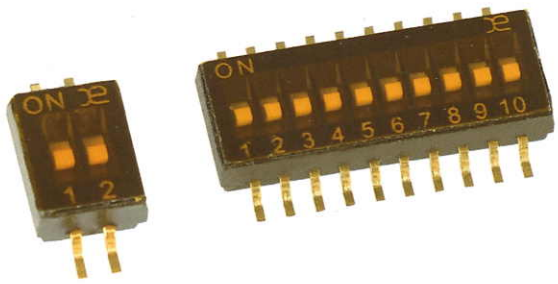
DSHP Series



SWITCH OPERATION AND TAPING

①Use tweezers or ball point pen for operation
②Flux cleaning should be done without removing the Tape
③If the Tape is removed,it adhered less than before when it is placed back on,possibly causing flux inflow.
④Sealed switches withstand aqueous,detergent and isopropyl alcohol washing.

FEATURES

①Hyper–miniature DIP swtich,surfacd mount device base on1.27mm(0.05 inch) pitch
②Lowest contact resistance less than 50m
③Twin contact design to ensure stable contact.
④All materials are UL94V0 grade,high temperature resistancd plastic.

PACKING

ALL DIP Switches Are Slipped In Standard IC Tubes Or Reel Package With All Poles In The "OFF".

MATERIAL

Part Name	Material	Finished
Base	UL94V0(PPS)	Black
Cover	UL94V0(PPS)	Black
Actuator	UL94V0(PA46)	White
Movable	Beryllium	Gold/Tin
Tetminal Contact	Brass	Gold/Tin
Terminal	Brass	Gold/Tin
Mylar	UL94V0	0.05MM

RATINGS

Contact Rating	Switching	25mA at 24VDC
	Non-Switching	100mA at 50VDC
Contact Resistance	Initial	50mΩ Max.
	After life	100mΩ Max.
	Insulation Resistance	100MΩ Min.60sec at 500VDC
	Dielectric Strength	300V DC for 60 seconds
	Switch Capacitance	5pF Max. at 1M Hz
	Operation Temperature	-40˚C~+85˚C
	Storage Temperature	-40˚C~+85˚C
Mechanical & Processing	Operation Force	1000gf Max.
	Mechanical Life	3000 cycles operations
	Resistance to Soldering	260±5˚C for 3-5 seconds
	Electrical Life	1000 cycles 25mA 24VDC

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DIMENSIONS (UNIT:MM)

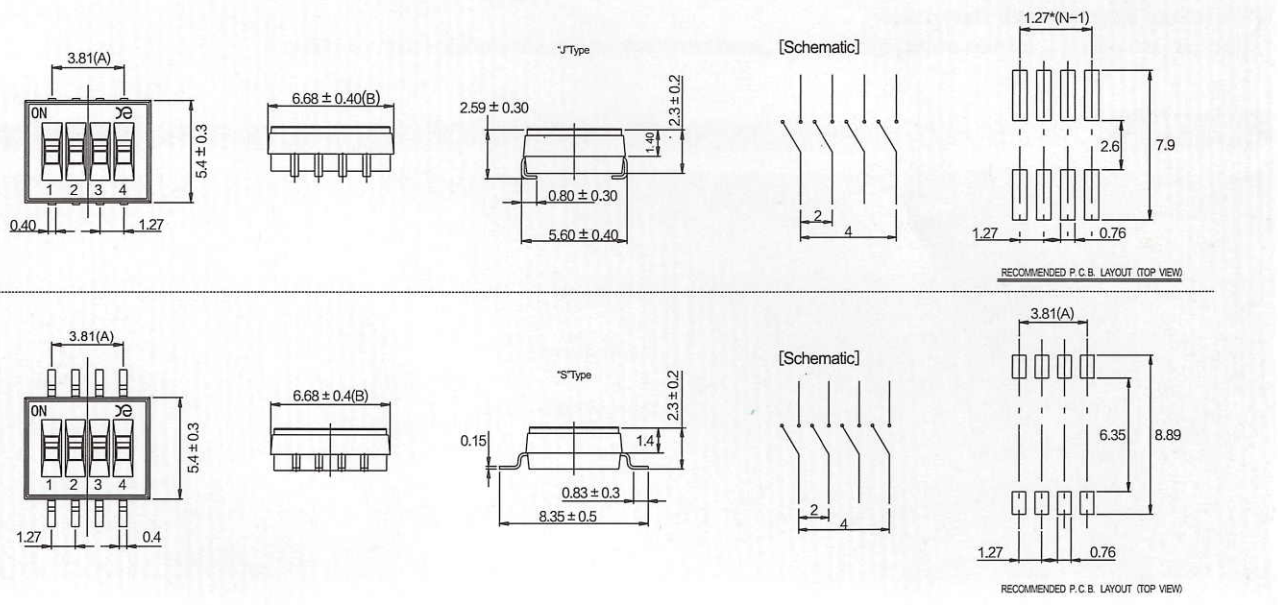
Gold/Gold Platedg Type P/N	Dimensions mm(inch) A	Dimensions mm(inch) B	Quantity per Tube
DSHP02TS/JGER	1.27(0.05)	4.14(0.16)	112
DSHP03TS/JGER	2.54(0.10)	5.41(0.21)	87
DSHP04TS/JGER	3.81(0.15)	6.68(0.26)	70
DSHP05TS/JGER	5.08(0.20)	7.95(0.31)	58
DSHP06TS/JGER	6.35(0.25)	9.22(0.36)	50
DSHP08TS/JGER	8.89(0.35)	11.76(0.46)	40
DSHP10TS/JGER	11.43(0.45)	14.30(0.56)	32
Piece/Tape & Reel : TS. . . . 2000PCS; TJ. . . . 1700PCS			

ORDER INFORMATI

DSHP 04 T S G E R

- DSHP — Half-Pitch
- 04 — Positions: 02=2 Position; 03=3 Position; 08=8 Position
- T — Actuator: L=Extension; S=Low profile W/O Tape; T=Tape sealed
- S — Terminal: J=J lead; S= SMD type
- G — Finish: G=Full Gold; S=Contat-Gold-plated Tetminal-Tin Plated
- E — Finish: E=3u"Gold-plated; F=10u"Gold-plated; A=12u"Gold-plated; B=20u"Gold-plated; G=30u"Gold-plated
- R — Packing: R=Tepe&Reel; T=Tube

DRAGRAM



ENVIRONMENTAL TEST

Cold Resistance Test	Switches under temperature at -40℃ ± 2℃ for 96 hours.
Dry Heat Resistance Test	Switches under temperature at 85℃ ± 2℃ for 96 hours.
Humidity Test	Per MIL- STD- 202F,Method 103B,Test Condition B: There shall be on evidence of corrosion and the insulation resistance shall be no less than 100 megaohms.
Vibration Test	Per MIL- STD- 202F,Method 204D,Test Condition A: There shall be no opening of closed contacts or closing of open contacts in excess of 10 microseconds.
Shock Test	Per MIL-STD-202F,Method 213B,Test Condition A: There shall be no opening of closed contacts or closing of open contacts in excess of 10 microseconds.
Thermal Shock Test	Per MIL-STD-202F, Method 107G,Test Condition A: There shall be no evidence of physical damage or permanent change in electrical characteristics.
Salt-Spray Test	Per MIL-STD-202F,Method 101D, Test Condition B: There are under 35 ± 2℃ in temperature and 5 ± 1% salt-water concentration for 48 ± 1 hour.

※The Layout Is Limited, Please Contact Us For More Specifications.