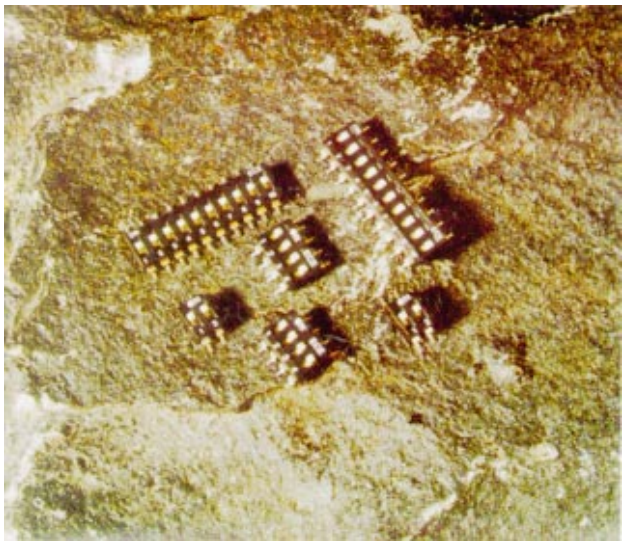
New / Neu

SMD-Series

Low Profile SMD / “Pick & Placeable”



Features / Eigenschaften

1., Tape Seal Type for Automatic Pick & Place
2., Extremly reliable for mobile applications and harsh environment
3., SMDR (raised actuator)
DMDF Series (flat actuator)
4., Double contact pair for high reliability
5., Insert molding of pins and ultrasonic welding prevent flux from entering component and allows washing process with optional sealing tape,
6., **low profile, height of body only 3,5 mm**

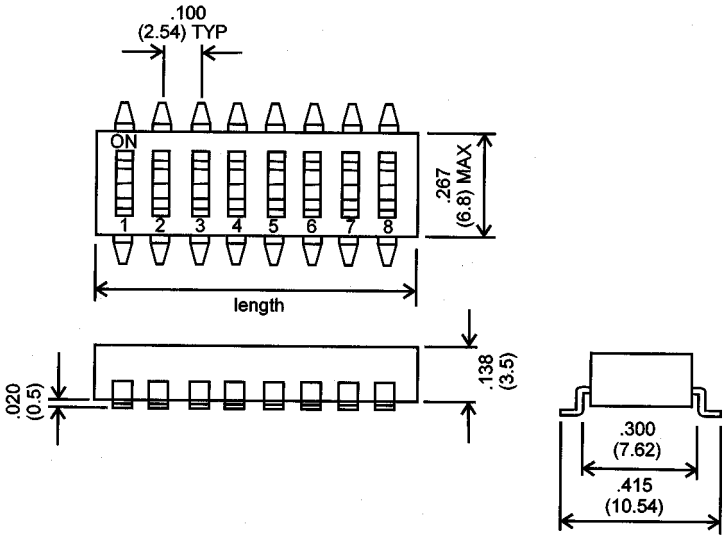
Materials / Materialen

Base & Cover:	ULV94-VO, glassfiber reinforced PBT color: black
Actuator:	UL94-VO, glassfiber reinforced PBT color: white
Contact:	Beryllium-Copper
Terminals:	Brass
Contact plating:	3 microinches gold over 50 microinches nickel
Pin plating:	tin/lead 90/10

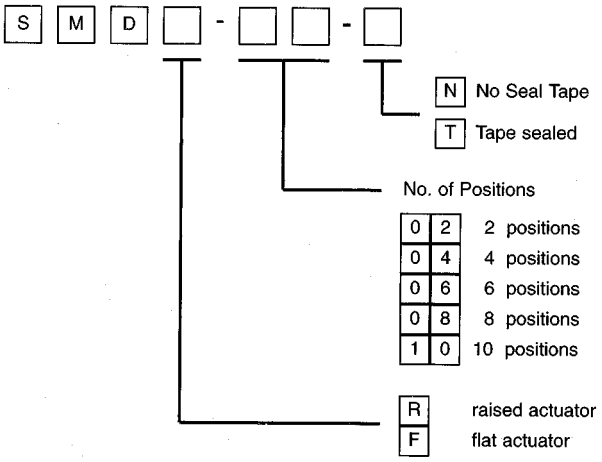
Models / Modelle

Model No. Modellnummer	No. Positions Schalterzahl	Length in mm/” Länge in mm/”
SMD-02	2	5,88/(0,231)
SMD-04	4	10,96/(0,431)
SMD-06	6	16,04/(0,631)
SMD-08	8	21,26/(0,837)
SMD-10	10	26,20/(1,031)

Dimensions / Abmessungen



Specification / Spezifikation

Mechanical Life:	min 5.000 switch operations each
Electrical Life:	min 2.000 switch operation each 50 mA, 24 VDC
Temperature:	operation –40 ºC–+85 ºC
Soldering:	No Clean colder creams suitable, Reflow at 235 ºC ask for “just in time delivery” to keep datecodes under 6 months
Operation force:	less than 800 g
Non switching:	100 mA, 50 VDC
Switching:	50 mA, 24 VDC
Circuit:	single pole, single contact
Vibration test:	MIL STD 202F, Method 201A Frequency 10–55–10 Hz/1 min Directions: x, y, z, mutually perpendicular, time: each direction, Nocontact failure after test.
Shock test:	MIL STD 202F, Method 213B Condition A Gravity: 50 g (peak value) 11 ms, Directions and times: 10 shocks in each mutual perpendicular planes. No contact failures after test

How to order / Bestellanleitung