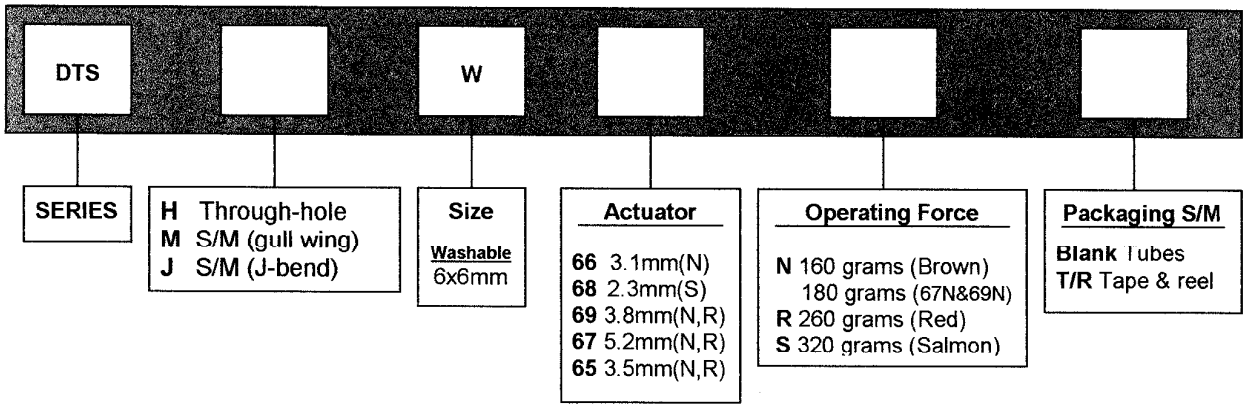
APEM

DTS(HW)(MW)(JW)-6 SERIES

WASHABLE MODULAR TACT SWITCHES

COMPACT



ELECTRICAL SPECIFICATIONS

- Function: off-momentary on
- Current /voltage rating: 50mA 12VDC max
- Initial contact resistance: 100mΩ max
- Insulation resistance: 100MΩ min. 500VDC
- Dielectric strength: 250VAC/1 minute
- Electrical life: 500,000 cycles minimum for DTS_W-65,67,69N(R)
  100,000 cycles minimum for DTS_W-66N,68S

MECHANICAL SPECIFICATIONS

- Actuation force: 160 +/-50 grams (N)
  180 +/-50grams (N)
  260 +/-50grams (R)
  320 +/-50grams (S)
- Key travel: 0.25mm,+0.2mm,- 0.1mm
- Vibration: MIL-STD-202F Method 201A
- Shock: MIL-STD-202F Method 213B

MATERIALS

- Top plate: Stainless steel
- Base: UL94V-0 PPA thermoplastic high temp colour black
- Actuator: UL94V-O nylon thermoplastic colour Brown (160 gram) Salmon (320 gram)
- Contacts: Silver plated phosphor bronze
- Terminals: Silver plated brass
- Body: Thermoplastic ABS
- Sealing Silicone rubber

SOLDERING PROCESS

- Wave soldering: Recommended solder temperature 260°C (500°F) for 5 seconds
- Hand soldering: 30 watts soldering iron controlled at 320°C (608°F) for approx. 2seconds while applying solder
- Vapor phase and reflow can be applied

Pack Quantity

Through board, tube in multiples of 75
(except DTSMW67 supplied in tubes of 77)
T/R contact Apem for quantity per reel

Specifications are subject to change without prior notice

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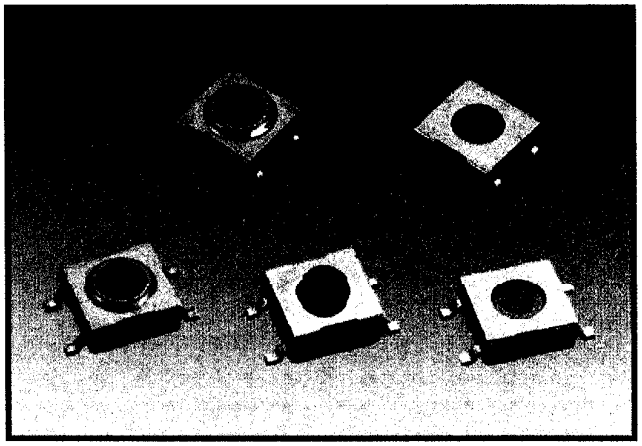
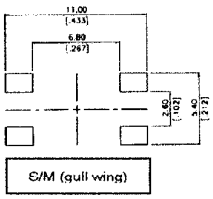
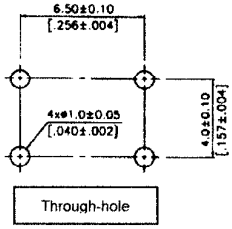
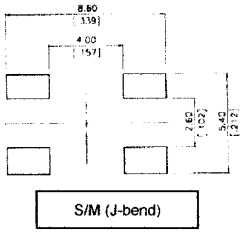


- SMT or through-hole
- Positive tactile feedback
- Sub-miniature
- 3.1mm to 5.2mm height
- Washable

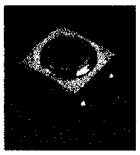




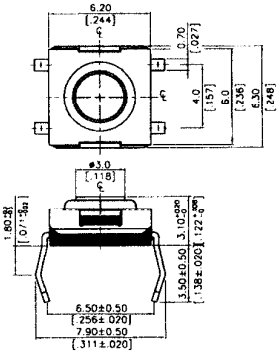


Through hole P.C.B mounting

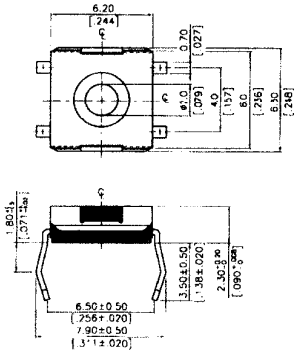
Model Type:-
DTSHW-6_ _



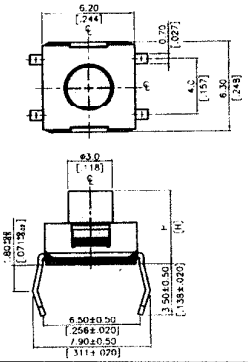
DTSHW-66



DTSHW-68



DTSHW-69, 67, 65

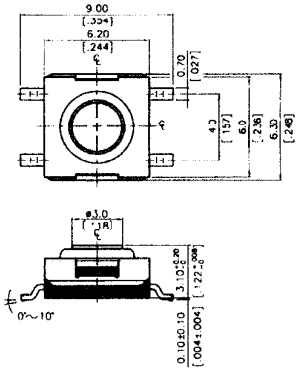


Surface mount (gull wing)

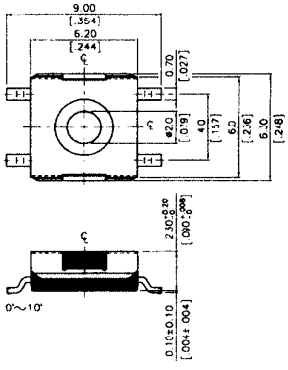
Model Type:-
DTSMW-6_ _



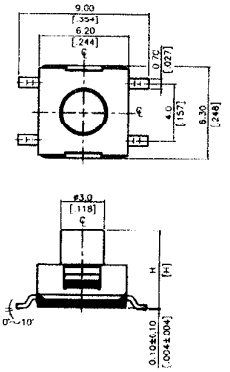
DTSMW-66



DTSMW-68



DTSMW-69, 67, 65

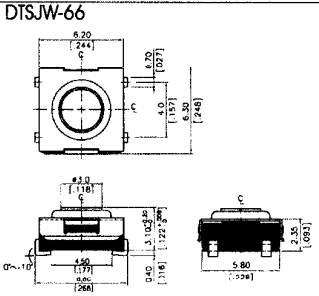


Surface mount (j-bend)

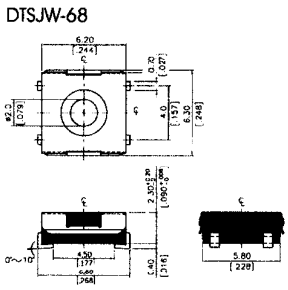
Model Type:-
DTSJW-6_ _



DTSJW-66



DTSJW-68



DTSJW-69, 67, 65

