

SPECIFICATION

△MECHANICAL

Operation Force:520±130gf Yellow(Y)
320±80gf Salmon(S)
260±50gf Red(R)
160±50gf Brown(N)
100±50gf Black(K)

Stop Strength: Max 3kgf vertical static load continuously
for 15 seconds

Stroke : (12x12) 0.35±0.1mm
(6x6) 0.25+0.2/-0.1mm

Operation Temperature Range : -25℃ to +70℃

Storage Temperature Range : -30℃ to +80℃

△ELECTRICAL (6X6)

Electrical Life : 300,000 cycles for 320gf,520gf
500,000 cycles for 260gf
1,000,000 cycles for 100gf,160gf

Rating : 50mA , 12 VDC

Contact Resistance : 100mΩ max

Insulation Resistance : 100MΩ min , 500 VDC

Dielectric Strength : 250 VAC / minute

Contact Arrangement : 1 pole 1 throw

MATERIAL

△COVER : Stainless steel

△CONTACT DISC : Phosphor bronze with silver cladding
(Standard)
Stainless Steel(V-Option)

△TERMINAL : Brass with silver plated

△BASE : UL94V-0 Nylon High-Temp. Thermoplastic

△STEM : UL94V-0 Nylon High-Temp. Thermoplastic

Color : Black(100gf) , Brown(160gf) , Red(260gf)
Salmon(320gf) , Yellow(520gf)

(Phosphor bronze)

△ELECTRICAL (12X12)

Electrical Life: 100,000 cycles for 320gf

100,000 cycles for 260gf

200,000 cycles for 160gf

(Stainless Steel)

Electrical Life: 500,000 cycles for 260gf

1,000,000 cycles for 160gf

SOLDERING PROCESS

△WAVE SOLDERING: Recommended solder temperature at 500°F(260℃)max. 5 seconds subject to PBC 1.6mm
thickness (For through hole type)

△Hand soldering : Use a soldering iron of 30 watts , controlled at 350℃ approximately max 5 seconds while
applying solder.

PACKING

Part Number	Number Per Bag	Number Per Tube
DTS-6□□□	1000	-
DTS-61	-	77
DTS-62	-	77
DTS-2	500	-
DTS-2□□	-	39