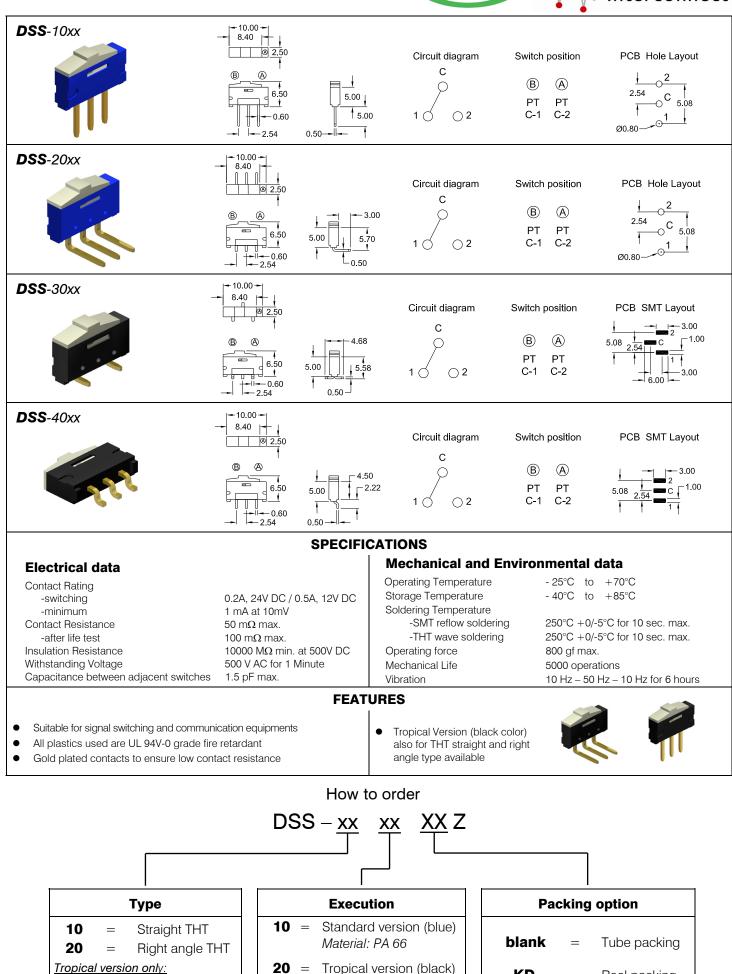


DSS Series

CHANGEOVER SLIDE SWITCH "THT" & "SMT" TYPE



Tropical version (black)

Material: PA 6T

KD

=

for DSP-40xx series only

Reel packing

RoHS

compliant

Tropical version only:

=

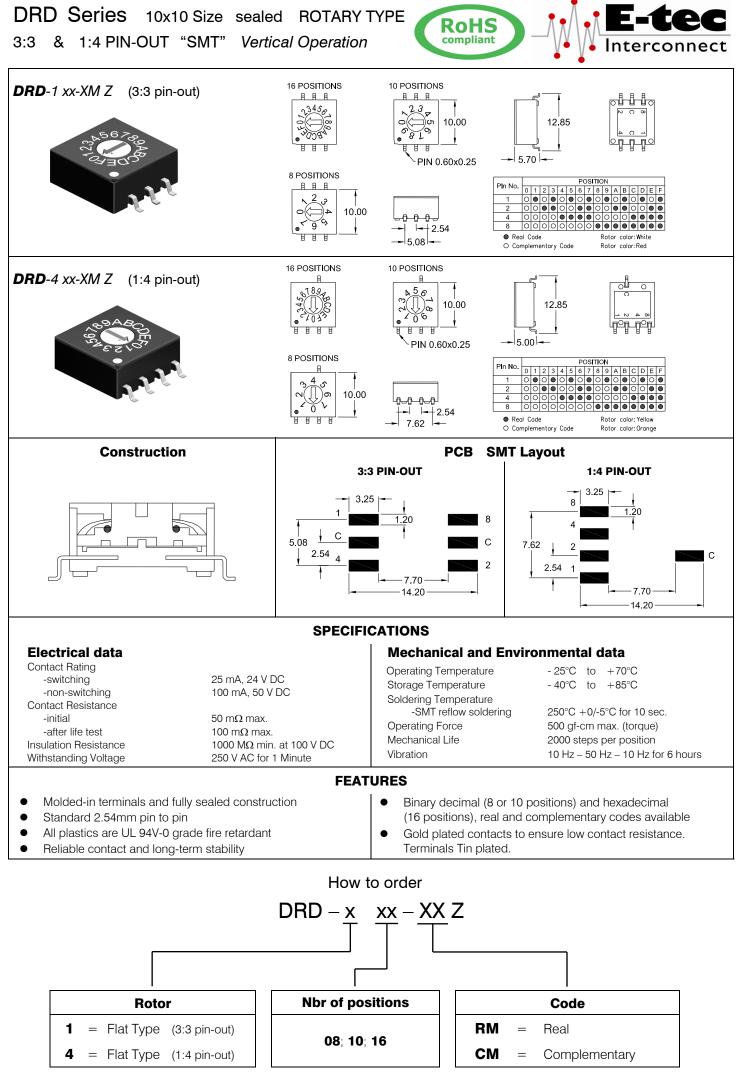
=

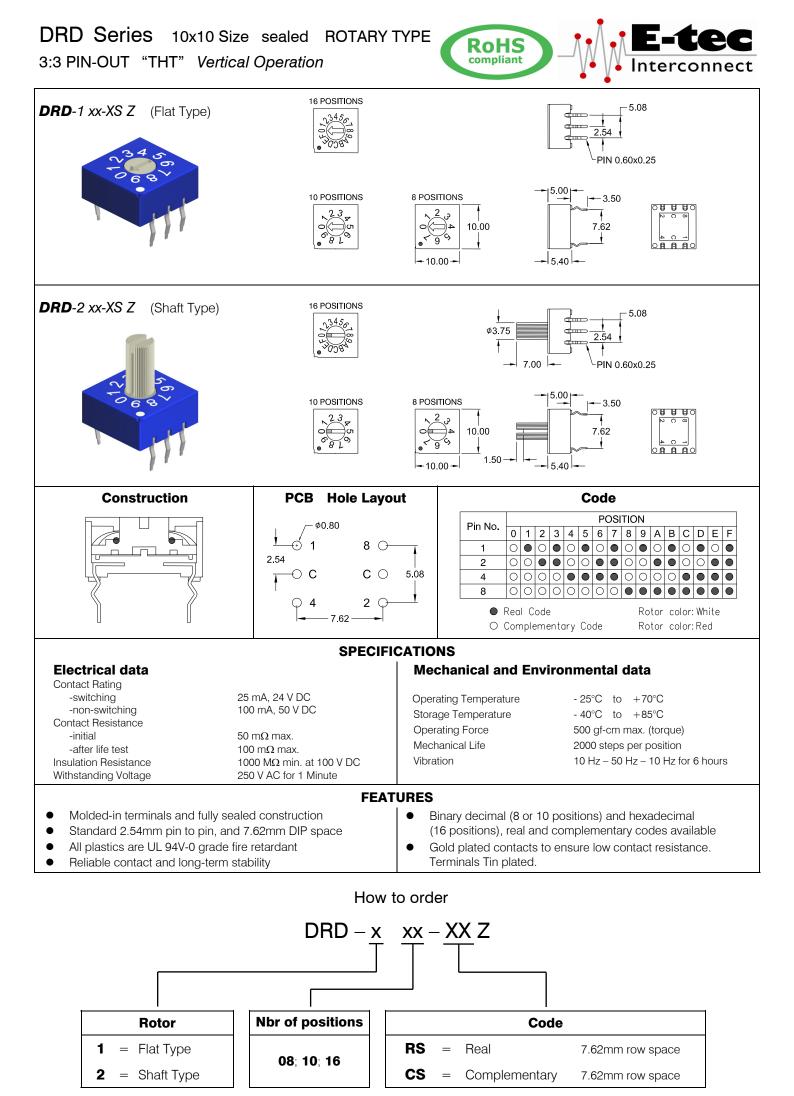
Vertical SMT

Horizontal SMT

30

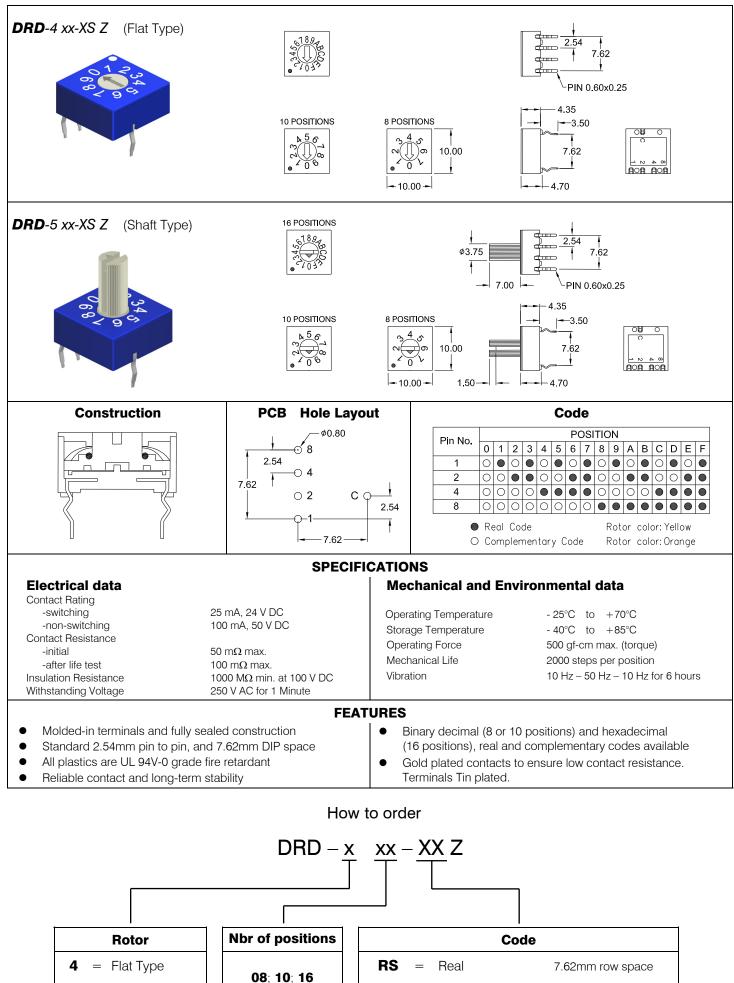
40





DRD Series 10x10 Size sealed ROTARY TYPE 1:4 PIN-OUT "THT" Vertical Operation





CS

=

Complementary

7.62mm row space

5 =

Shaft Type

DRD Series 10x10 Size sealed ROTARY TYPE 3:3 PIN-OUT "THT" *Vertical Operation*

16 POSITIONS **DRD-1 xx-XR Z** (Flat Type) 23450 - 10.00 -10 POSITIONS 8 POSITIONS 7.55 230 ૢ 10.00 ok 81 3.50 4.00 2 54 PIN 0.60x0.25 2.54 5.08 16 POSITIONS **DRD-2 xx-XR Z** (Shaft Type) 23450 H COL 7.55 7.00 1.50-- 10.00 -10 POSITIONS 8 POSITIONS 23 10.00 06 σ Ø3.75 3.50 Ħ Ħ 4.00 2.54PIN 0.60x0.25 2.54 5.08 PCB **Hole Layout** Construction Code POSITION Ø0.80 Pin No. 6 7 8 9 A B C D E F 1 2 3 4 5 0 1 Ο $\bullet \circ \bullet \circ \bullet \circ \bullet$ 00000 \circ 2.54 2 0 co 5.08 0004 \bigcirc 8 • Real Code Rotor color: White 4 00 O Complementary Code Rotor color:Red **SPECIFICATIONS Electrical data Mechanical and Environmental data** Contact Rating -switching 25 mA, 24 V DC Operating Temperature - 25°C to +70°C-non-switching 100 mA, 50 V DC Storage Temperature - 40°C to +85°C Contact Resistance **Operating Force** 500 gf-cm max. (torque) 50 m Ω max. -initial Mechanical Life 2000 steps per position -after life test 100 m Ω max. 10 Hz - 50 Hz - 10 Hz for 6 hours Vibration Insulation Resistance 1000 M Ω min. at 100 V DC Withstanding Voltage 250 V AC for 1 Minute **FEATURES** Molded-in terminals and fully sealed construction • . Binary decimal (8 or 10 positions) and hexadecimal (16 positions), real and complementary codes available . Standard 2.54mm grid dimension All plastics are UL 94V-0 grade fire retardant Gold plated contacts to ensure low contact resistance. • Reliable contact and long-term stability Terminals Tin plated. • How to order DRD - xxx - XX ZNbr of positions Rotor Code Real 1 Flat Type RR == 2.54mm grid

08; 10; 16

CR

=

Complementary

2.54mm grid

RoHS

compliant

2

=

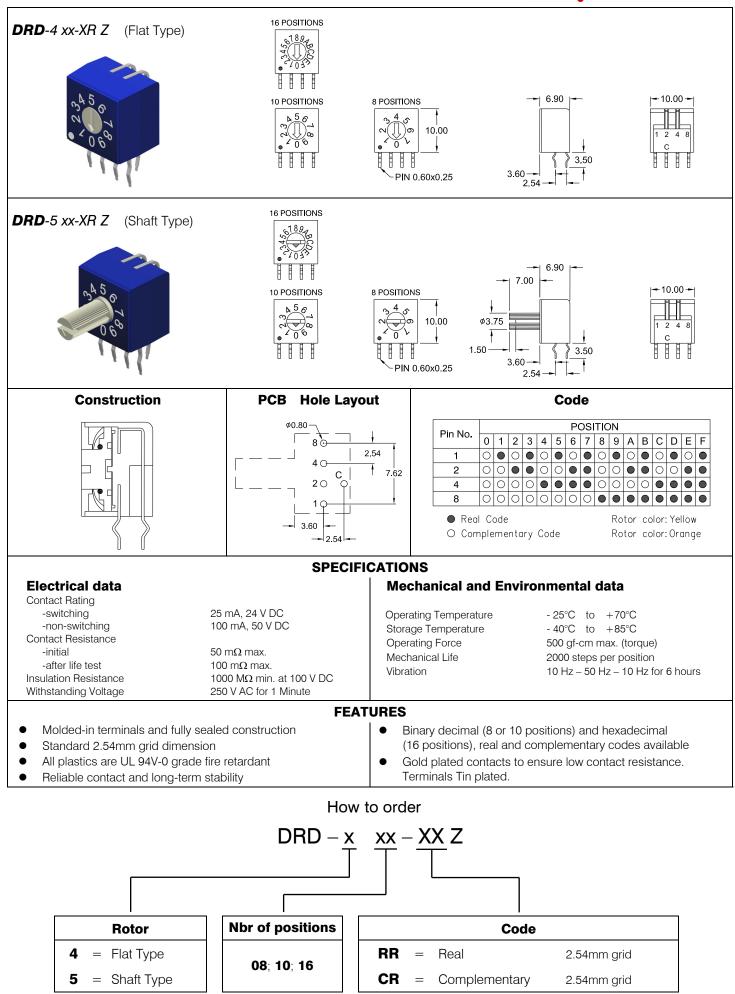
Shaft Type

DRD Series 10x10 Size sealed ROTARY TYPE 1:4 PIN-OUT "THT" Vertical Operation

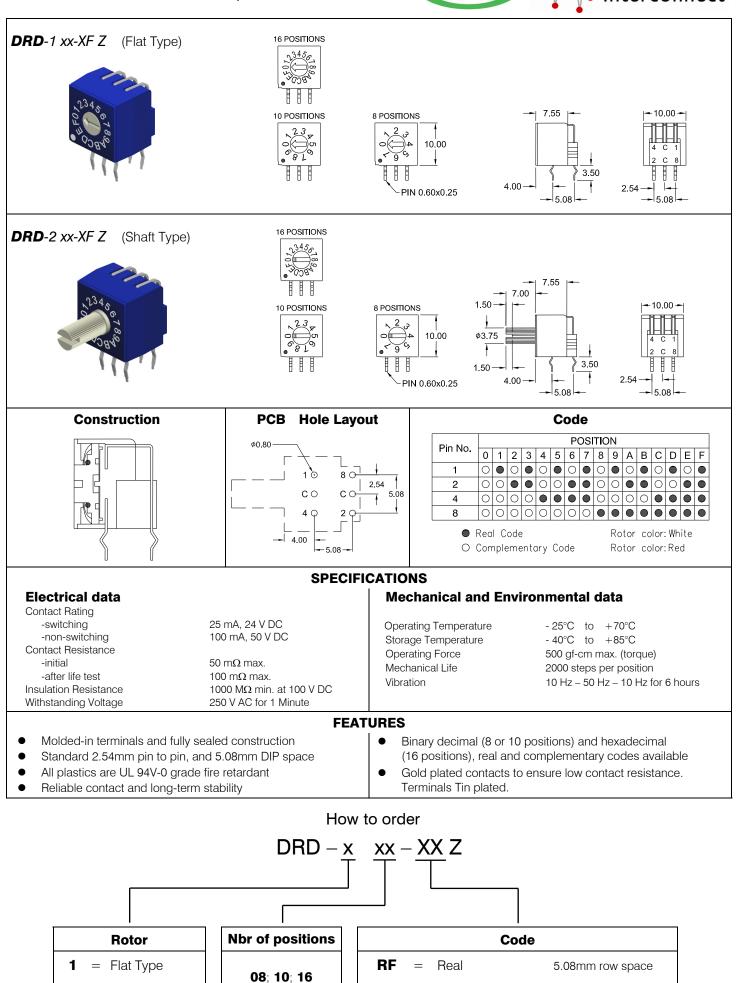


RoHS

compliant



DRD Series 10x10 Size sealed ROTARY TYPE 3:3 PIN-OUT "THT" Vertical Operation



CF

=

Complementary

5.08mm row space

RoHS

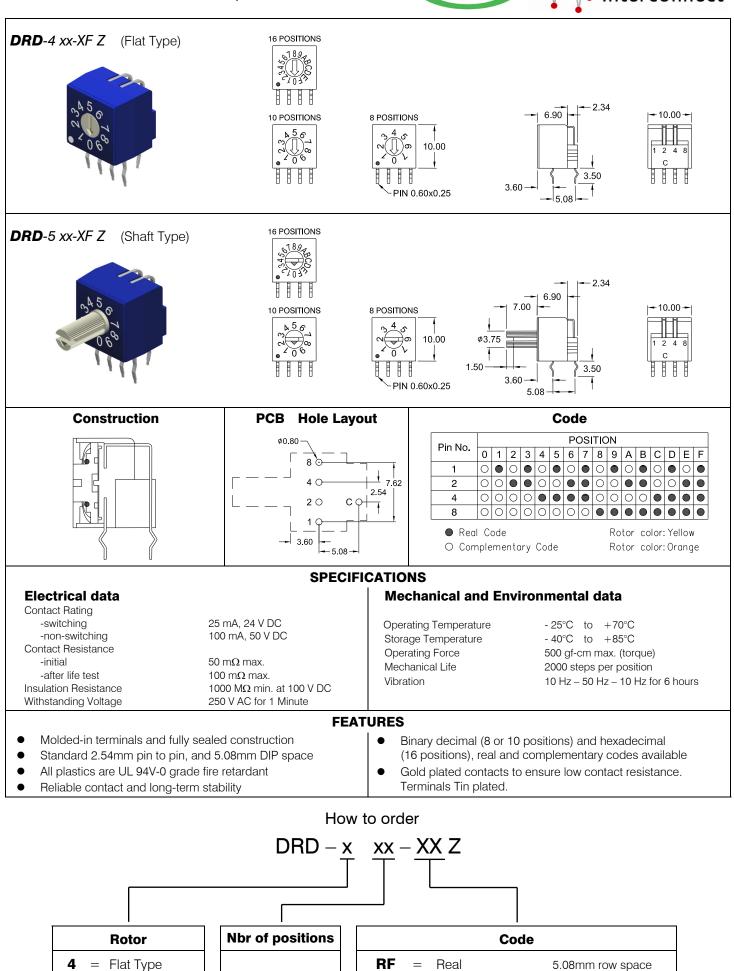
compliant

2

=

Shaft Type

DRD Series 10x10 Size sealed ROTARY TYPE 1:4 PIN-OUT "THT" Vertical Operation



08; 10; 16

5

=

Shaft Type

CF

=

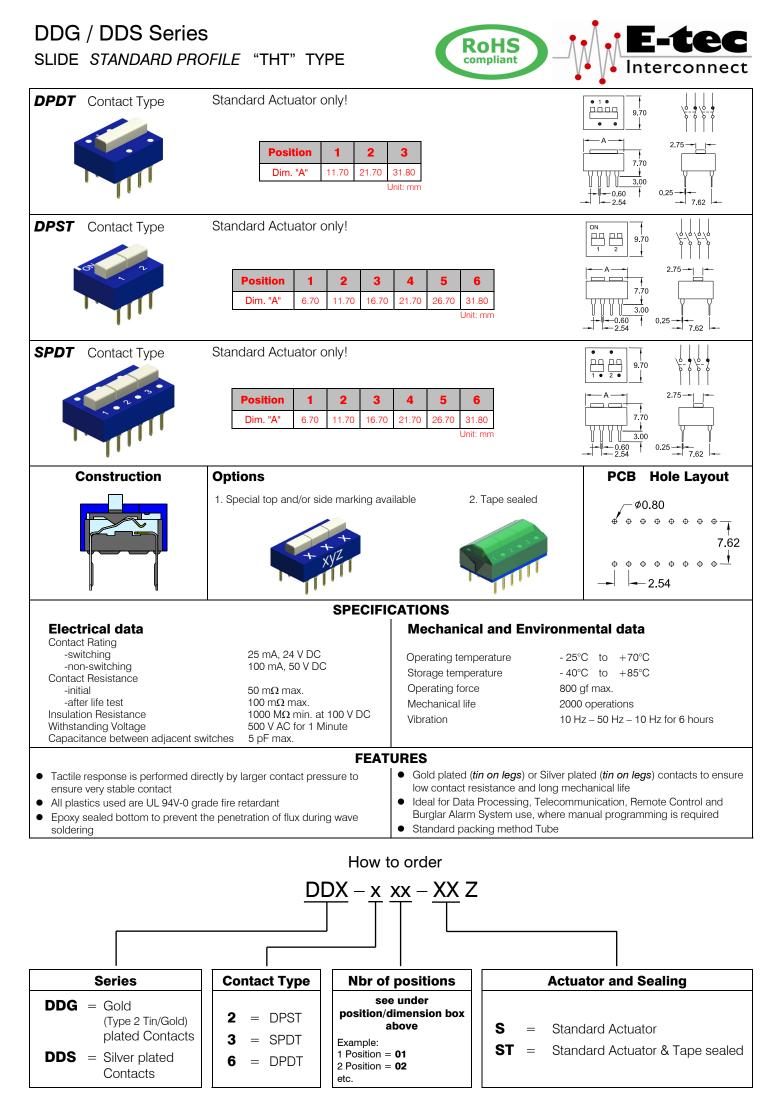
Complementary

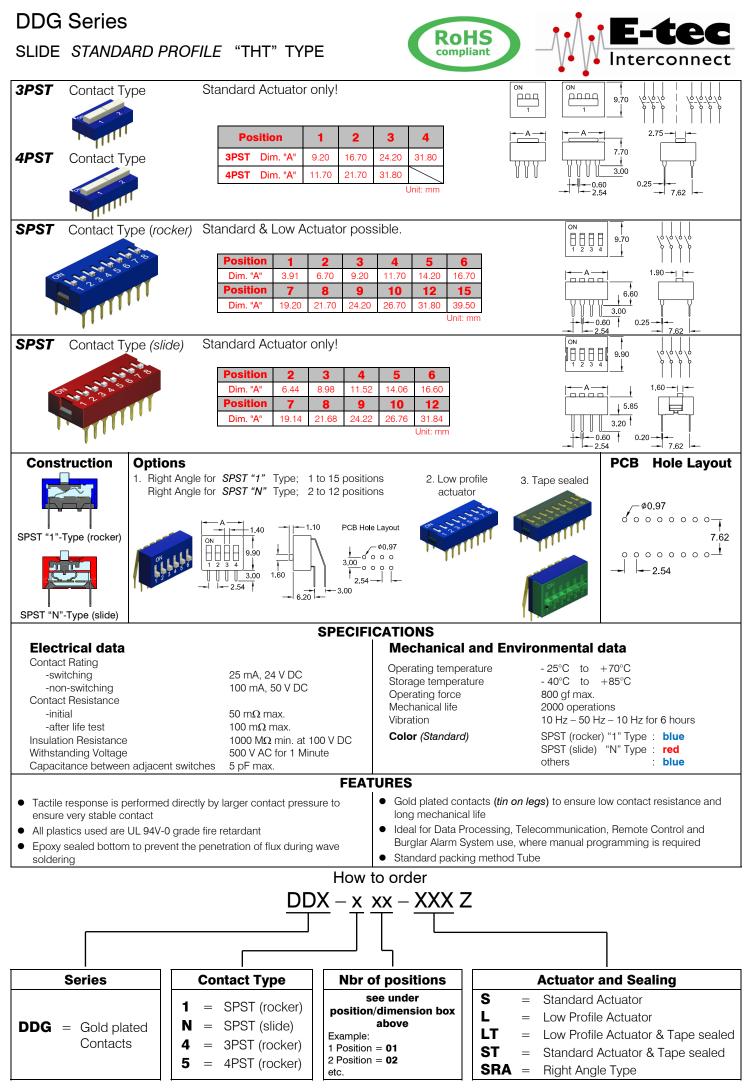
5.08mm row space

RoHS

compliant

9

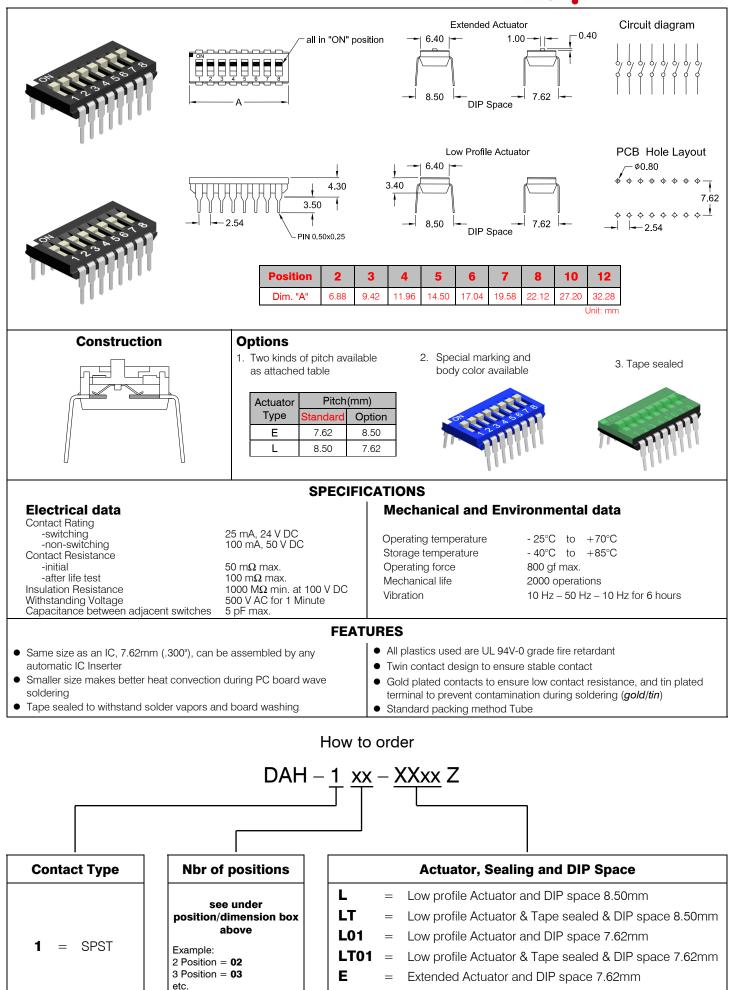




DAH Series SLIDE AUTO INSERTING "THT" TYPE







E01

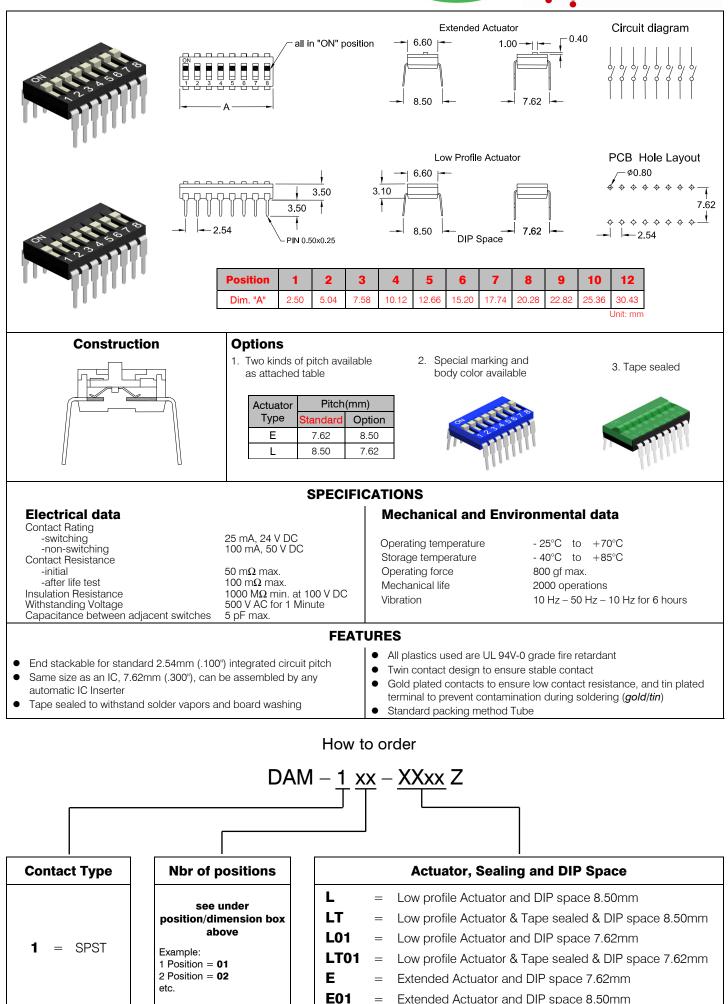
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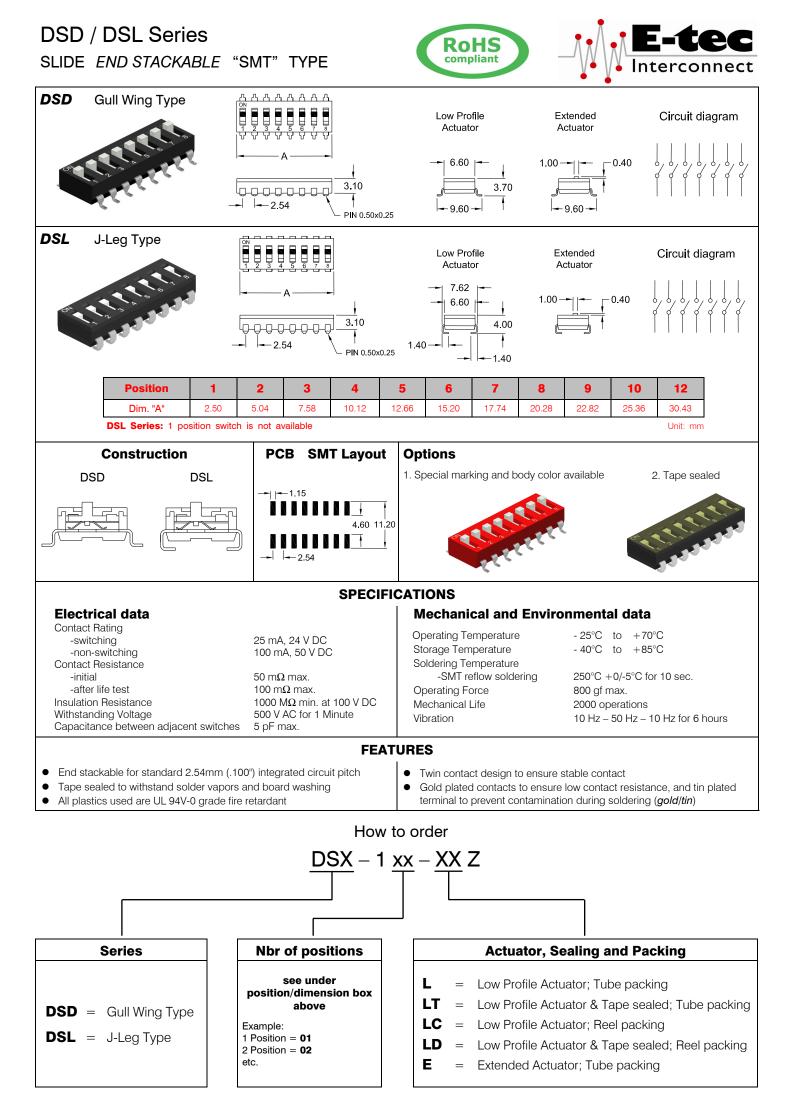
Extended Actuator and DIP space 8.50mm

DAM Series SLIDE END STACKABLE "THT" TYPE

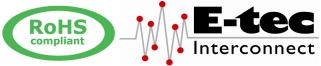


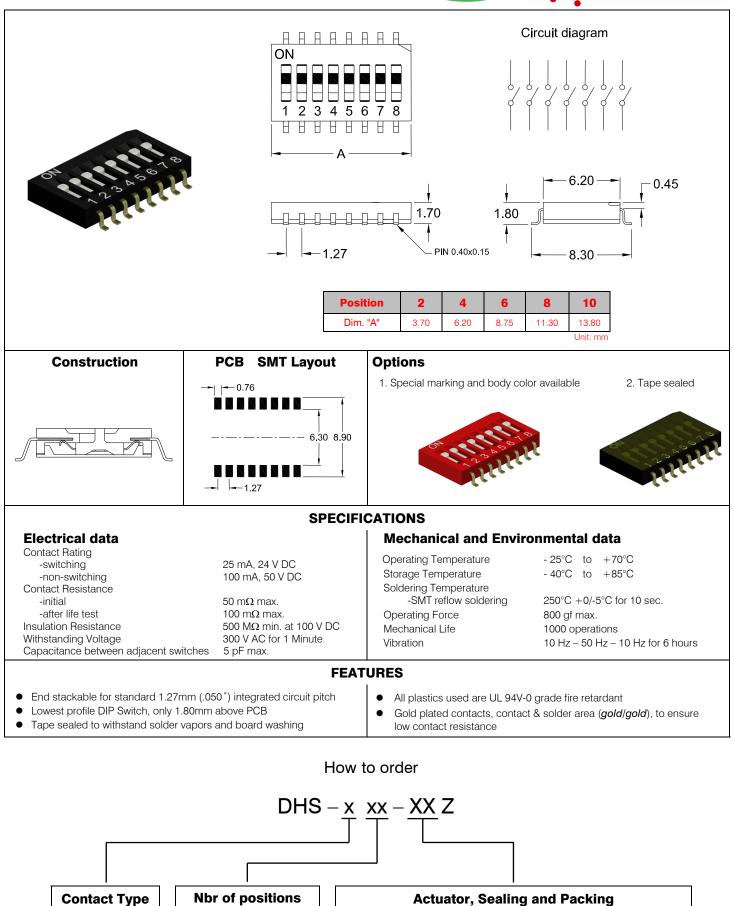






DHS Series SLIDE HALF PITCH (1.27mm) "SMT" TYPE





L

see under

position/dimension box

above

Example:

etc

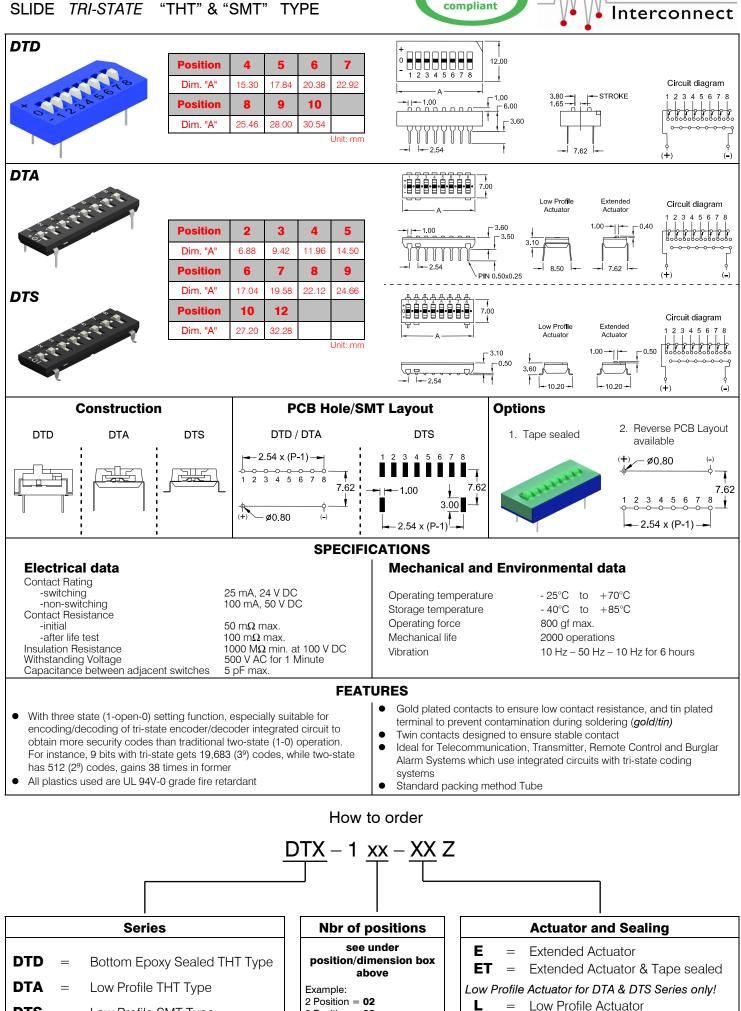
1 Position = 02 2 Position = 04

SPST

1

- Low Profile Actuator; Tube packing = LT = Low Profile Actuator & Tape sealed; Tube packing
- LC = Low Profile Actuator; Reel packing
- LD = Low Profile Actuator & Tape sealed; Reel packing

DTD / DTA / DTS Series SLIDE *TRI-STATE* "THT" & "SMT" TYPE



3 Position = 03

etc

LT

=

Low Profile Actuator & Tape sealed

RoHS

DTS

=

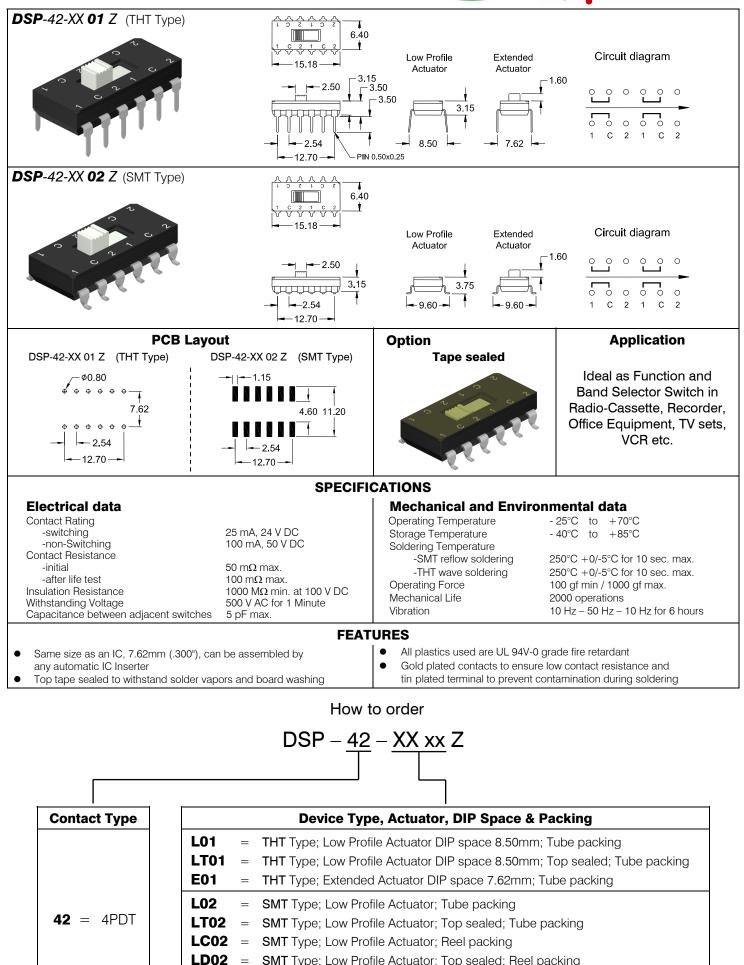
Low Profile SMT Type

DSP Series

SELECTOR SLIDE SWITCH "THT" & "SMT" TYPE

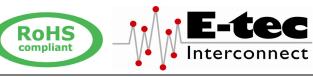






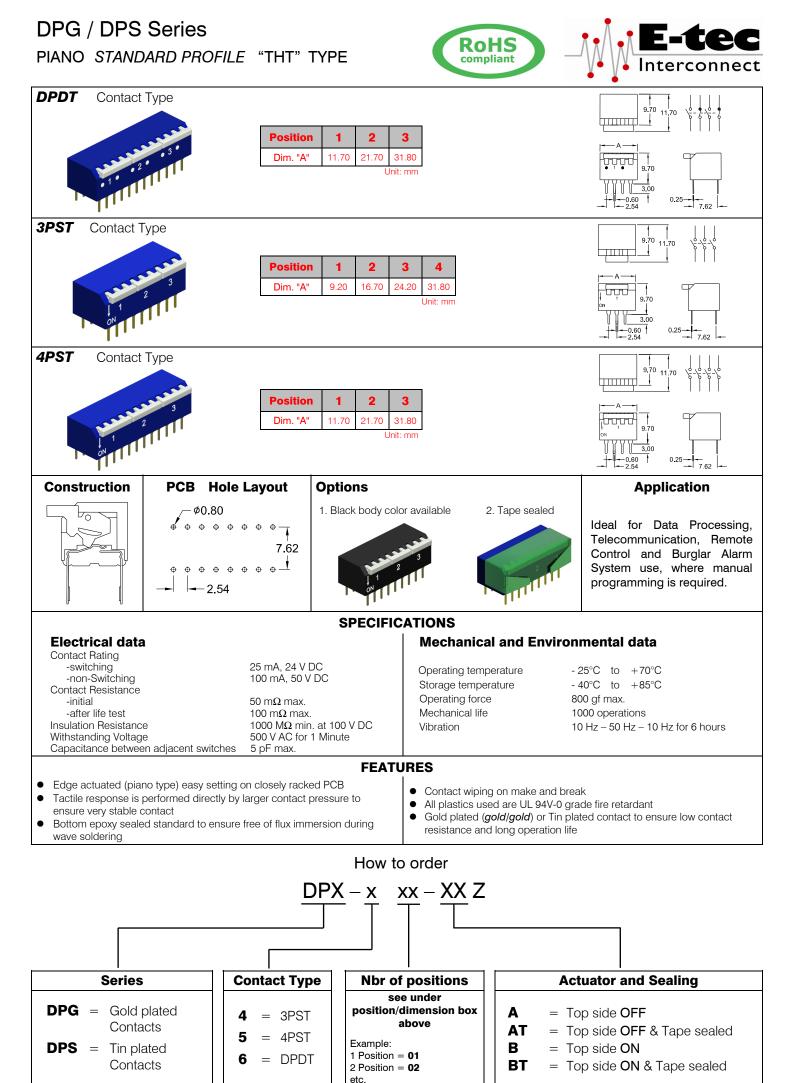
- E02 SMT Type; Extended Actuator; Tube packing =
- **EC02** SMT Type; Extended Actuator; Reel packing =

DPG / DPS Series PIANO STANDARD PROFILE "THT" TYPE

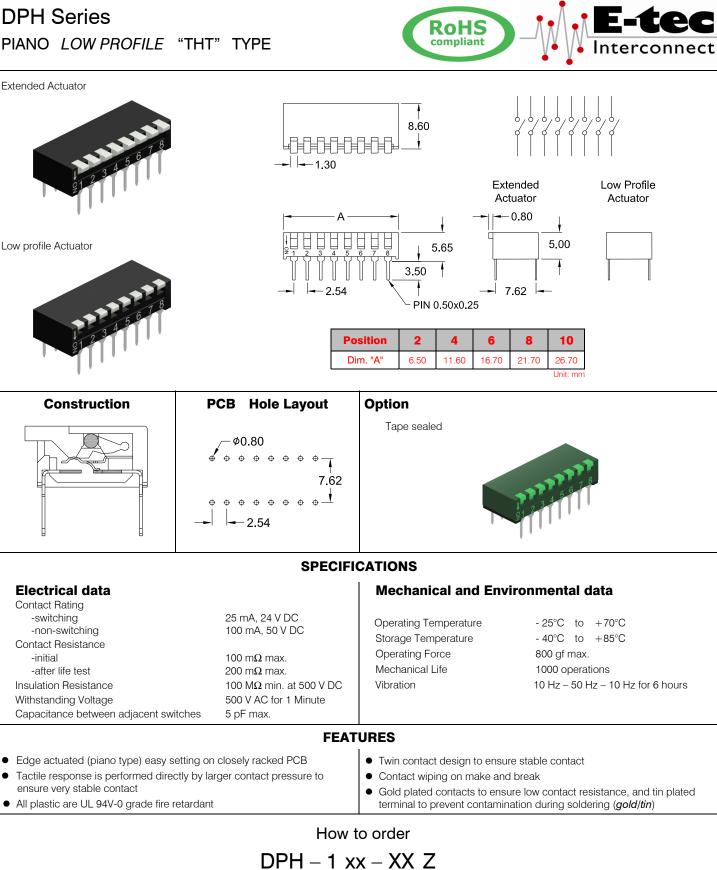


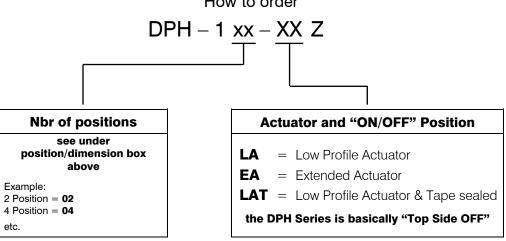
| | | | | Interconnee |
|----------------|--|---|------------------------------------|--|
| SPST | Contact Type | | | |
| | | Position 2 | 3 4 5 6 | |
| | | Dim. "A" 6.70 9 | .20 11.70 14.20 16.70 | |
| | 4 5 6 7 | Position 7 | 8 9 10 12 | |
| | ON TITLE | Dim. "A" 19.20 21 | 1.70 24.20 26.70 31.80 Unit: mm | |
| | | | Unit: mn | |
| OPST | Contact Type | | | |
| | | | | |
| | A | Position 1 | 2 3 4 5 | 6 |
| | | Dim. "A" 6.70 11 | .70 16.70 21.70 26.70 | 1 2 9.70 |
| | ON | | | Unit: mm |
| | 1. | | | |
| SPDT | Contact Type | | | 9.70 11.70 |
| | | | | |
| | 3.4 | | 2 3 4 5 | 6 |
| | • 1 • 2 | Dim. "A" 6.70 11 | .70 16.70 21.70 26.70 | |
| | | | | |
| <u></u> | ruction PCB H | | | |
| Const | | Die Layout 1. Top side "C | OFF" and "ON" availabl | le 2. Black body color available 3. Tape sealed |
| | φ0.80 | | | |
| 45 | | 7.62 | III | |
| | | | 5678 | 2.3.4 |
| | | | 11 2 3 4 N | |
| ļ | | 94 | | · יוד · יוד |
| | | SP | ECIFICATIONS | |
| | t rical data et Rating | | Mechanic | cal and Environmental data |
| -SW | ritching n-switching | 25 mA, 24 V DC 100 mA, 50 V DC | Operating ten | |
| Contac | t Resistance | | Storage temp | |
| -init -afte | tial er life test | 50 m Ω max. 100 m Ω max. | Operating for Mechanical lit | |
| Insulati | ion Resistance | 1000 M Ω min. at 100 V [| DC Vibration | 10 Hz – 50 Hz – 10 Hz for 6 hours |
| | anding Voltage itance between adjacent swii | 500 V AC for 1 Minute ches 5 pF max. | | |
| _ · | | | FEATURES | |
| Tactile | | etting on closely racked PCB tly by larger contact pressure to | - | ng on make and break (<i>gold/gold</i>) or Tin plated contact to ensure low contact |
| | e very stable contact stic are UL 94V-0 grade fire re | atardant | | nd long operation life |
| Bottom | n epoxy sealed standard to e | nsure free of flux immersion duri | | a Processing, Telecommunication, Remote Control and |
| wave s | soldering | | Durgiar Alarr | m System use, where manual programming is required |
| | | ŀ | How to order | |
| | | DPX - | - x xx – XX Z | 2 |
| | | | | |
| | | Γ | _ | |
| | | | | "ON/OEF" Decision and Section |
| | Series | Contact Type N | br of positions see under | "ON/OFF" Position and Sealing |
| DPG | = Gold plated | 1 = SPST | ition/dimension box | A = Top side OFF |
| | Contacts | | above | |
| | Contacts | 2 - DPQT | | AT = Top side OFF & Tape sealed |
| DPS | | 2 = DPST = Exam | nple: sition = 01 | |

etc.



DPH Series PIANO LOW PROFILE "THT" TYPE





•

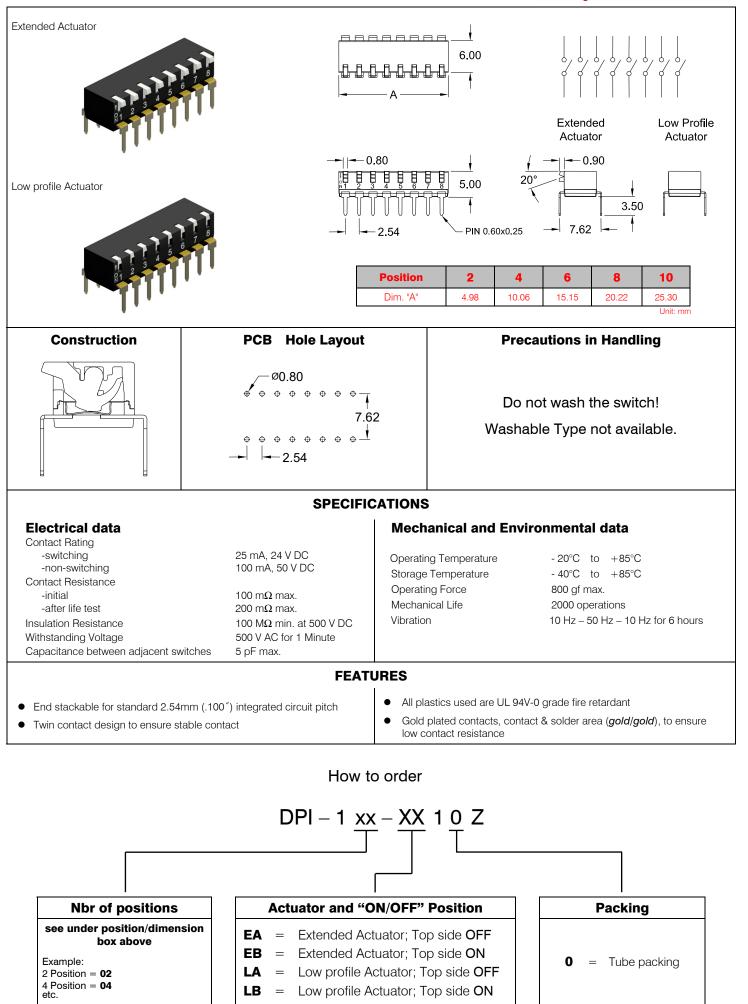
DPI Series

PIANO LOW PROFILE "THT" TYPE END STACKABLE

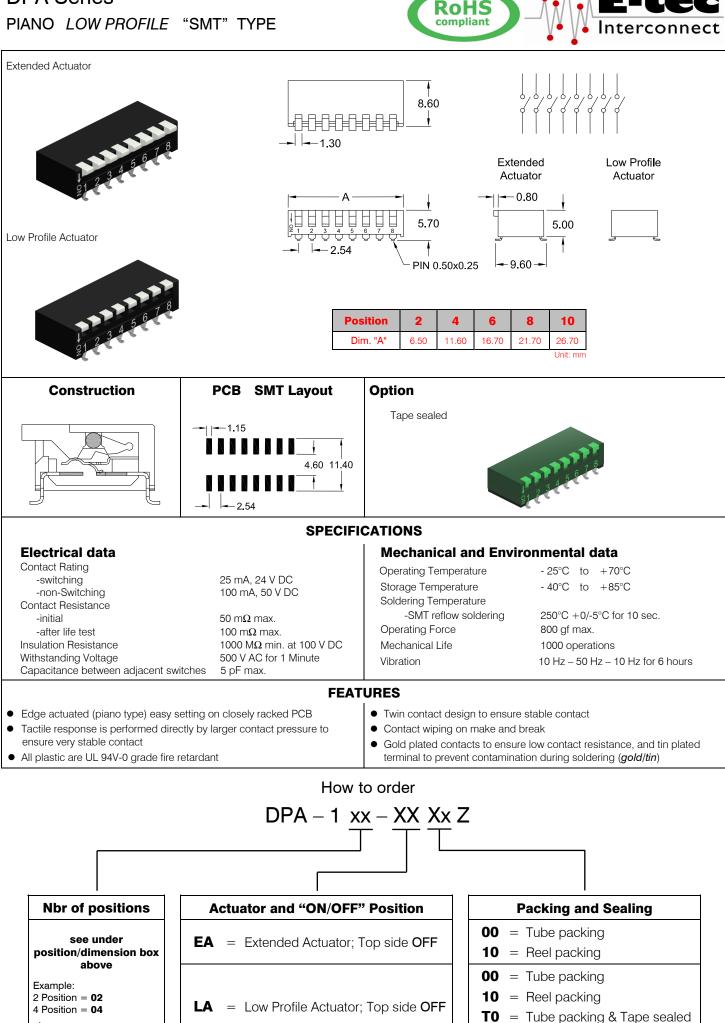


RoHS

compliant



DPA Series PIANO LOW PROFILE "SMT" TYPE



T1 = Reel packing & Tape sealed

etc.

DPM Series

