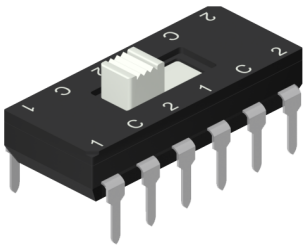
DSP Series

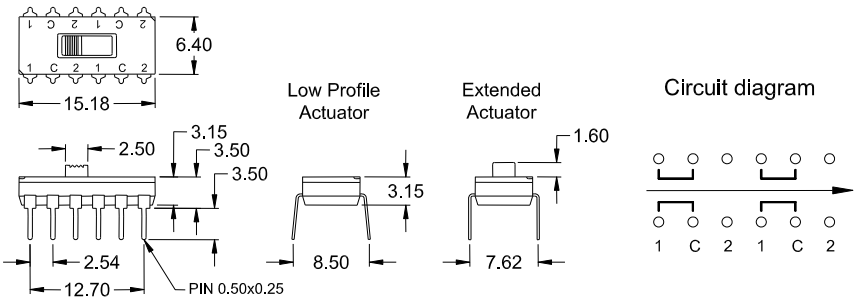
SELECTOR SLIDE SWITCH *"THT" & "SMT"* TYPE

RoHS compliant

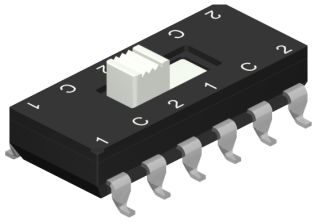
E-tec Interconnect

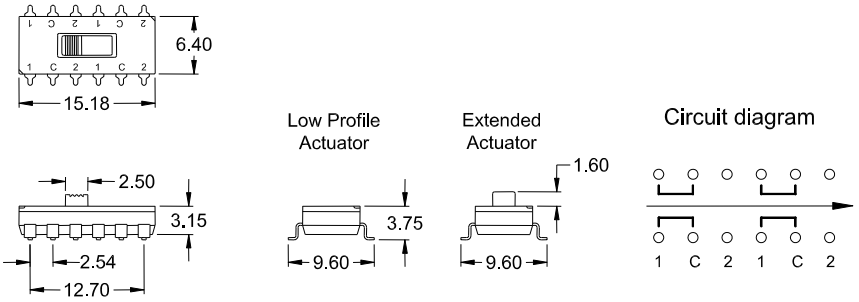
***DSP**-42-XX **01** Z* (THT Type)





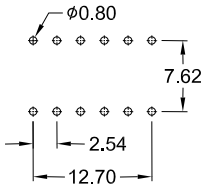
***DSP**-42-XX **02** Z* (SMT Type)



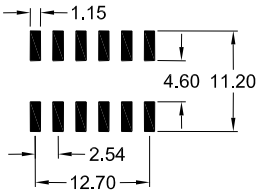


PCB Layout

DSP-42-XX 01 Z (THT Type)

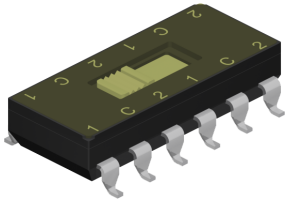


DSP-42-XX 02 Z (SMT Type)



Option

Tape sealed



Application

Ideal as Function and Band Selector Switch in Radio-Cassette, Recorder, Office Equipment, TV sets, VCR etc.

SPECIFICATIONS

Electrical data

Contact Rating	
-switching	25 mA, 24 V DC
-non-Switching	100 mA, 50 V DC
Contact Resistance	
-initial	50 mΩ max.
-after life test	100 mΩ max.
Insulation Resistance	1000 MΩ min. at 100 V DC
Withstanding Voltage	500 V AC for 1 Minute
Capacitance between adjacent switches	5 pF max.

Mechanical and Environmental data

Operating Temperature	- 25°C to +70°C
Storage Temperature	- 40°C to +85°C
Soldering Temperature	
-SMT reflow soldering	250°C +0/-5°C for 10 sec. max.
-THT wave soldering	250°C +0/-5°C for 10 sec. max.
Operating Force	100 gf min / 1000 gf max.
Mechanical Life	2000 operations
Vibration	10 Hz – 50 Hz – 10 Hz for 6 hours

FEATURES

- Same size as an IC, 7.62mm (.300"), can be assembled by any automatic IC Inserter
- Top tape sealed to withstand solder vapors and board washing
- All plastics used are UL 94V-0 grade fire retardant
- Gold plated contacts to ensure low contact resistance and tin plated terminal to prevent contamination during soldering

How to order

DSP – 42 – XX xx Z

Contact Type
42 = 4PDT

Device Type, Actuator, DIP Space & Packing		
L01	=	THT Type; Low Profile Actuator DIP space 8.50mm; Tube packing
LT01	=	THT Type; Low Profile Actuator DIP space 8.50mm; Top sealed; Tube packing
E01	=	THT Type; Extended Actuator DIP space 7.62mm; Tube packing
L02	=	SMT Type; Low Profile Actuator; Tube packing
LT02	=	SMT Type; Low Profile Actuator; Top sealed; Tube packing
LC02	=	SMT Type; Low Profile Actuator; Reel packing
LD02	=	SMT Type; Low Profile Actuator; Top sealed; Reel packing
E02	=	SMT Type; Extended Actuator; Tube packing
EC02	=	SMT Type; Extended Actuator; Reel packing