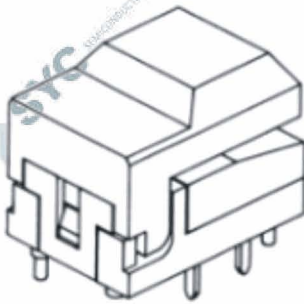


**CODIGO**

DPS-1XX-XXX

**DESCRIPCION**

Miniswitches serie DPS angosto/largo



**FEATURES:**

- Miniature, momentary function input switches designed for use with dual-in-line package circuits, the feature crisp tactile feel and are available in a wide color range.
- Available in two cap width, D.P.S Series switches can accommodate one or two LED.
- These cost-effective switches are ideal for use in test equipment or professional audio gear.

**APPLICATIONS:**

Instrumentation, Computer Industry, Military, Telecommunications, Consumer Products.

**GENERAL:**

Operation temperature: ..... -25°C-65°C.  
 Ambient humidity: ..... 80% RH Max.  
 Test conditions: ..... Temperature (20±2°C).  
 Relative humidity (65±5%).  
 Pressure (860-1060 m bars).  
 DC 30mA 12VDC resistive load.  
 Rate of operation: ..... 30-50 /minute

Type of actuation: ..... Momentary  
 Contact arrangement: ..... S. P. D. T.  
 Maximum ratings: ..... 30mA 12VDC.  
 Dimension: ..... Shall confirm to the catalogue's drawings.

**ELECTRICAL:**

Contact resistance: ..... 50 mΩ Max. (initial)  
 Insulation resistance: ..... 50 MΩ Min. (at 500VDC).  
 Dielectric withstanding voltage: AC1000VAC (50Hz or 60Hz), shall be applied across terminals and terminals for one minute.  
 Bounce: ..... 5 m sec. Max.

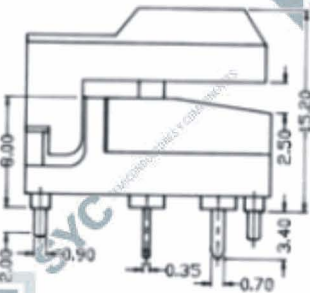
**MECHANICAL:**

Operating force: ..... 200 gf. Max.  
 Total travel: ..... 1.0±0.3 mm.  
 Stem strength: ..... 3 kgf.  
 Operating speed: ..... 0.1mm-1m/sec.  
 Max. operating frequency: . 300 operations/min.

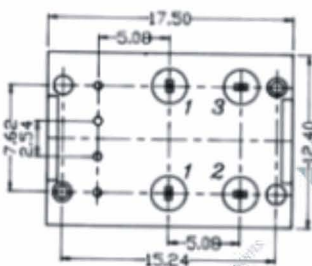
**Endurance:**

Operating life: ..... 500,000 cycles Min.  
 Soldering temperature: ..... 255°C Max.  
 Duration of solder immersion: ..... 5 sec. Max.

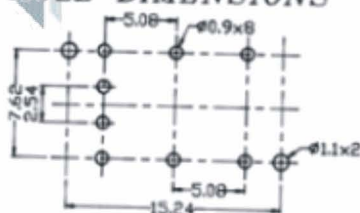
OUTLINE DRAWING



BOTTOM VIEW



P.C.B MOUNTING HOLE DIMENSIONS

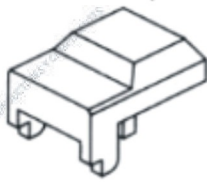


CONTACT CONFIGURATION

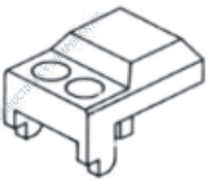
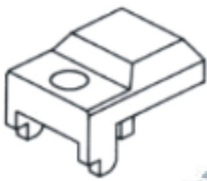


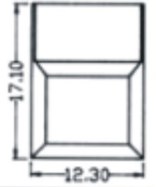
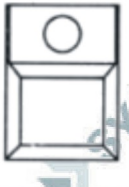
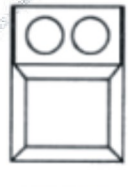



SERIES	Contact arrangement	Initial performance					Durability		
		Travel	Operating force	Rating	Contact resistance	Bounce	Operating life	Contact resistance	Bounce
D.P.S.	S.P.D.T.	1.0±0.3mm	200gf.Max.	30mA 12VDC	50m Ω	5m sec max	5 X 10 <sup>5</sup> max	100mΩ max	50m sec max

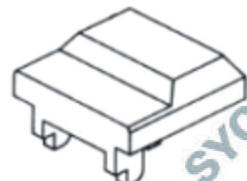
CODIGO	DESCRIPCION
DPS-1XX-XXX	Miniswitches serie DPS angosto/largo



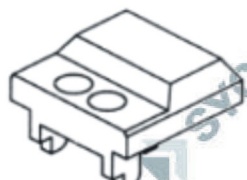
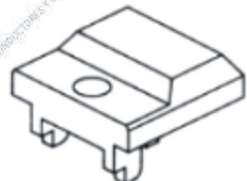
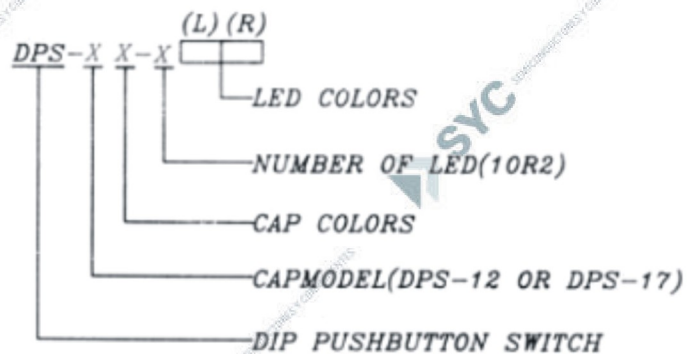
**VARIETY**



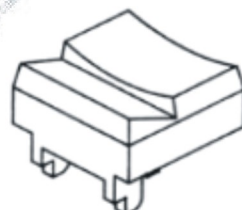
non-illuminated	illuminated	illuminated
<p>DPS-12□-0□</p> 	<p>DPS-12□-1□</p> 	<p>DPS-12□-2□</p> 
<p>DPS-17□-0□</p> 	<p>DPS-17□-1□</p> 	<p>DPS-17□-2□</p> 



**ORDERING GUIDE**



**CLEAR CAP**



COLOR CODE	
BUTTONS, COVERS, LEDs	
Black	= 1
Gray	= 2
Yellow	= 3
Blue	= 4
Red	= 5
Orange	= 6
Green	= 7
White	= 8
Amber	= 9
Clear	= 0