



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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NEW

ATS Series Anti-Tampering Switches

Features/Benefits

- Normally closed function
- Vertical detect
- Reliable long time compression
- IP54
- Tape & reel
- RoHS compliant and compatible

Typical Applications

- Smart meters
- Alarm systems
- Anti-tamper devices



Specifications

FUNCTION: Momentary action.
 CONTACT TYPE: SPST Normally Closed.
 TERMINALS: Gullwing type for SMT.

Mechanical

SWITCHING FORCE: ≤ 2 N
 TRAVEL TO BREAK: 0,7 mm
 TOTAL TRAVEL: 1,1 mm

Packaging

Switches are delivered on continuous tape, in reels of 2,000 pieces

Electrical

	GOLD	SILVER
MAXIMUM POWER:	0.2 VA	1 VA
MAXIMUM VOLTAGE:	32 VDC	32 VDC
MINIMUM VOLTAGE:	20 mVDC	20 mVDC
MAXIMUM CURRENT:	10 mA	50 mA
MINIMUM CURRENT:	1 µA	1 mA
CONTACT RESISTANCE:	≤ 350 mΩ	
INSULATION RESISTANCE:	> 1 G Ω	
DIELECTRIC STRENGTH:	≥ 250 Vrms	

Environmental

	GOLD	SILVER
OPERATING TEMPERATURE:	-40°C to +125°C	-40°C to +85°C
STORAGE TEMPERATURE:	-55°C to + 125°C	-40°C to +85°C

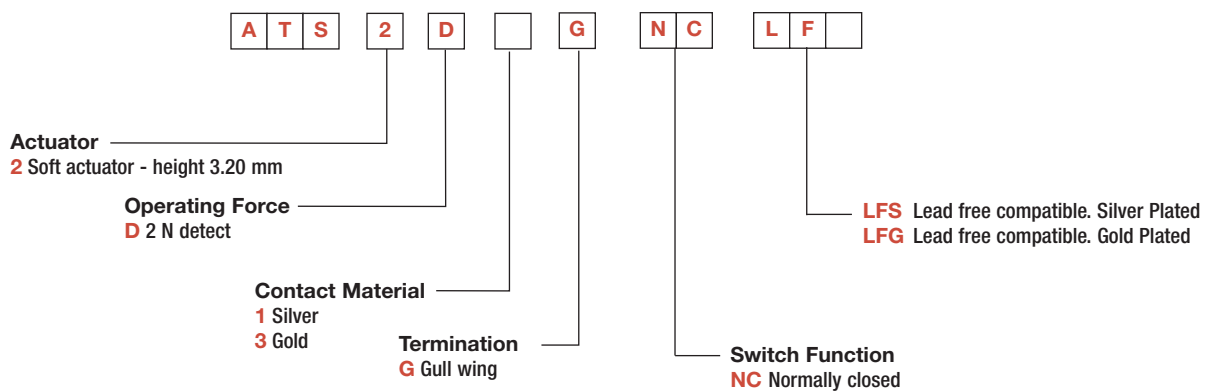
Process

SOLDERING: Compatible with lead free reflow process

NOTE: Specifications listed above are for switches with standard options.
 For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

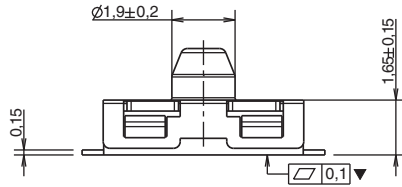
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on the next page. For additional options not shown in catalog, consult Customer Service Center.



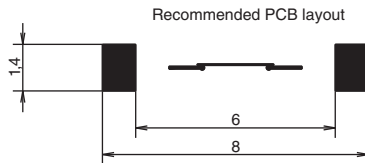
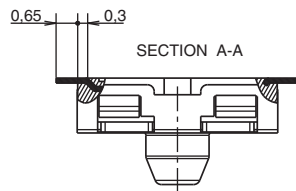
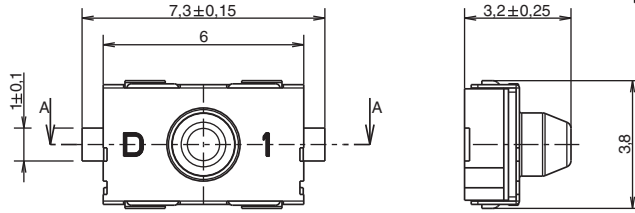
Detect

ATS Series Anti-Tampering Switches

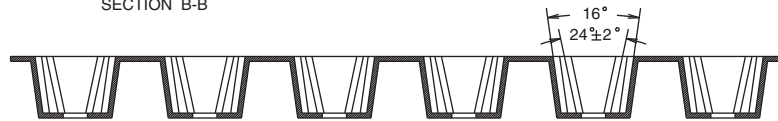
NEW



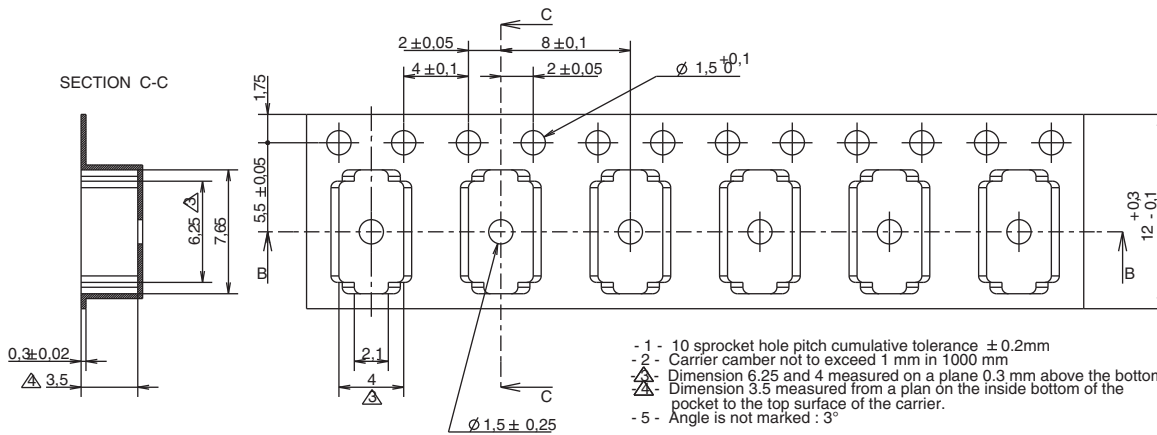
MARKING	PART NUMBER
D - 1	ATS 2D1G NC LFS
D - 3	ATS 2D3G NC LFG



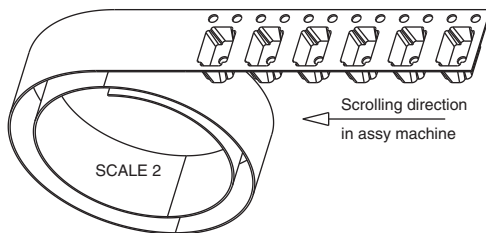
SECTION B-B



SECTION C-C



- 1 - 10 sprocket hole pitch cumulative tolerance ± 0.2 mm
- 2 - Carrier camber not to exceed 1 mm in 1000 mm
- 3 - Dimension 6.25 and 4 measured on a plane 0.3 mm above the bottom of the pocket
- 4 - Dimension 3.5 measured from a plan on the inside bottom of the pocket to the top surface of the carrier.
- 5 - Angle is not marked : 3°



Detect