



Technical drawing of the X3 Switch Connector showing multiple views: top, side, front, and 3D perspective. Dimensions are provided in millimeters.

Top View: Square shape with side length 12. Center features a circular contact area.

Side View: Shows the profile of the connector. Dimensions include a total height of 11.5±0.15, a base width of 11, and a mounting tab width of 3.5. The mounting tab has a height of 2.5 and a thickness of 0.3±0.05.

Front View: Shows the internal contact mechanism. Dimensions include a total width of 4, a contact width of 5.2, and a mounting tab width of 4. The mounting tab has a height of 5.2 and a thickness of 0.3±0.05. The contact area is labeled X3.

3D VIEW: Shows the connector from an isometric perspective. Dimensions include a total width of 4, a contact width of 5.2, and a mounting tab width of 4. The mounting tab has a height of 5.2 and a thickness of 0.3±0.05. The contact area is labeled X3.

Bottom View: Shows the underside of the connector. Dimensions include a total width of 4, a contact width of 5.2, and a mounting tab width of 4. The mounting tab has a height of 5.2 and a thickness of 0.3±0.05. The contact area is labeled X3.

MATING PLUG: Shows the plug used to connect the switch. Dimensions include a total length of 5.85, a contact length of 5.8, and a mounting tab width of 4. The mounting tab has a height of 5.2 and a thickness of 0.3±0.05. The contact area is labeled X3.

SPECIFICATION

1.Rating	: DC 12V 30V , 30A
2.Contact resistance	: ≤30mΩ
3.Insulation resistance	: ≥100MΩ
4.Withstand voltage	: 500VAC
5.Insertion and extraction force	: 3-20N
6.life test	: 5,000 cycles

8					TOLERANCE UNLESS SPECIFIED							
7												
6					WITHIN 1.5mm : ±0.1mm		A	2012-9-25	初 版		ZENQ. CHEN	
5					OVER 1.5mm : ±0.2mm		ISSUE	DATE	DESCRIPTIONS OF REVISION		APPD.	
4	CONTACT	SUS	1	Ag CLAD	TITLE : DC Power Jack				UNIT : mm	DRWG NO.: XB-DC-111T		
3	CASE	PPA/BRASS SRTIP	1	BLACK/Ag PLATED	MODEL: XB-DC-111T				SCALE: 5:1	DWN.	JUN. YANG	2012-9-25
2	COVER	STEEL STRIP	1	Ni PLATED	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.				CHK'D	DONG. PANG	2012-9-25	
1	KNOB	PPA	1	BLACK					APPD.	ZENQ. CHEN	2012-9-25	
NO.	PARTS	MATERIALS	Q'TY	FINISH								