

Technical drawing of the X3 Switch Connector showing front and side views with dimensions in mm and inches.

Front View Dimensions:

- Overall Length: 21.8 mm (.858 in)
- Section 1 Length: 7.0 mm (.276 in)
- Section 2 Length: 4.8 mm (.189 in)
- Section 3 Length: 10.3 mm (.405 in)
- Section 1 Width: 5.6 mm (.220 in)
- Section 2 Width: 4.75 mm (.187 in)
- Section 3 Width: 6.5 mm (Ref. .256 in)
- Section 4 Width: 8.0 mm (.315 in)
- Overall Width: 18.1 mm (.713 in)
- Section 1 Height: 4.74 mm (.187 in)
- Section 2 Height: 3.40 mm (+0.1/-0.05) mm
- Section 3 Height: 1.34 mm (+0.04/-0.002) mm
- Section 4 Height: 4.60 mm (.181 in)
- Section 5 Height: 5.50 mm (.217 in)

Side View Dimensions:

- Overall Length: 21.8 mm (.858 in)
- Section 1 Length: 7.0 mm (.276 in)
- Section 2 Length: 4.8 mm (.189 in)
- Section 3 Length: 10.3 mm (.405 in)
- Section 1 Width: 5.6 mm (.220 in)
- Section 2 Width: 4.75 mm (.187 in)
- Section 3 Width: 6.5 mm (Ref. .256 in)
- Section 4 Width: 8.0 mm (.315 in)
- Overall Width: 18.1 mm (.713 in)
- Section 1 Height: 4.74 mm (.187 in)
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- Section 3 Height: 1.34 mm (+0.04/-0.002) mm
- Section 4 Height: 4.60 mm (.181 in)
- Section 5 Height: 5.50 mm (.217 in)

Other Features:

- Lock Link: 2.20 mm (.087 in)
- Pin Diameter: 1.2 mm (.047 in)
- Logo: X3 Switch Connector

* CONTACT : BRASS WITH GOLD PLATED
* LOCK LINK : BRASS WITH NICKEL PLATED

CHPT	S	C	*	**	00
①	②	③	④	⑤	⑥

- ① Series No.
- ② Connector Type: S= Socket (Female)
- ③ Terminal tail style: C= Crimp Type
- ④ Contact Plating:
 - 2= Gold Flash plated over $1.27\text{ }\mu\text{m}$ ($50\text{ }\mu''$) Nickel
 - 3= $0.38\text{ }\mu\text{m}$ ($15\text{ }\mu''$) Gold plated over $1.27\text{ }\mu\text{m}$ ($50\text{ }\mu''$) Nickel
 - 4= $0.76\text{ }\mu\text{m}$ ($30\text{ }\mu''$) Gold plated over $1.27\text{ }\mu\text{m}$ ($50\text{ }\mu''$) Nickel
 - 5= $1.27\text{ }\mu\text{m}$ ($50\text{ }\mu''$) Gold plated over $1.27\text{ }\mu\text{m}$ ($50\text{ }\mu''$) Nickel
- ⑤ Current Rating:
 - 20= 20Amps ; 40= 40Amps
- ⑥ Option: 00= Standard

Technical drawing of the CHPTSC*2000 tool, showing a side view with dimensions. The tool has a total length of 8.5 inches (217 mm) and a diameter of 5.50 inches (142 mm). The drawing includes a cross-section of the tool head and a side view of the tool body. Dimensions are given in inches and millimeters.

Dimensions (Inches / Millimeters):

- Total Length: 8.5" / 217
- Head Diameter: $\varnothing 5.50$ / 142
- Head Length: 1.5" / 38.1
- Head Width: 2.70" / 68.6
- Head Thickness: .106" / 2.7
- Head Material: CHPTSC*2000

4						DATE	UNIT: mm / inch		TITLE: STRAIGHT DIP TYPE HIGH POWER SOCKET TERMINAL	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.				
3	Karen	9/28-09'	ECN09443/ECR09105-0	DRAWN BY:	Karen	9/30-09'	TOLERANCE UNLESS OTHERWISE SPECIFIED				MATERIAL:	DRAWING NO.	CHPT14SG	PART NO.
2	Sandy	5/20-09'	ECN09254	ENGINEER:	Eisley	10/5-09'	.X ± 0.10/.004	X.* ± r	FINISH:			SCALE	5 / 1	SHEET
1	Sandy	7/2-07'	ECN07256/ECR07037-1	CHECKED BY:	David	10/5-09'	.XX ± 0.05/.002	.X.* ±						
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Alex	10/5-09'	.XXX ±	.XX.* ±						