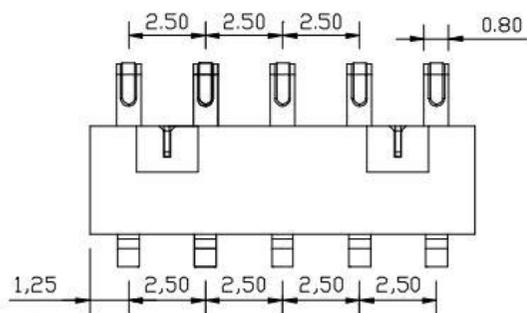


RECOMMENDED PCB LAYOUT  
TOP VIEW (C.XX±0.05)

性能:

- 额定电流: 2.0A
- 额定电压: 12V
- 耐压: 500V
- 接触电阻: 30mΩ MAX
- 绝缘电阻: 500MΩ
- 工作温度: -40℃~+85℃
- 使用寿命: 3000次以上
- 塑件(材质): LCP (黑色) U1.94-V0
- 接触点(材质): 锡磷青铜, 触点镀金30μ, 焊脚镀锡80μ以上, 镍30μ以上
- 固定片(材质): 黄铜C2680, 镀全雾锡80μ以上, 镍底30μ以上
- 环保要求: 符合ROHS限值。
- 弹片工作行程: 建议压缩尺寸为1.1mm-1.3mm



PART NO.	DIM. A	DIM. B	DIM. C
BC-2-510-C01	5.4	3.8	4.4
BC-2-510A-C01	6.0	4.4	5.0
BC-2-510B-C01	6.5	4.9	5.5
BC-2-510C-C01	7.0	5.4	6.0
BC-2-510D-C01	7.5	5.9	6.5
BC-2-510E-C01	8.0	6.4	7.0

NO.	PARTS	MATERIAL	QTY.	FINISHING
1	HOUSING	LCP	1	BLACK
3	CONTACT TERMINAL	PHOSPHOR BRONZE	3	Au PLATED

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PART NAME	CONNECTOR	DRAWING	G.B.Wu	DWG.No.	DS-BC-222
PART NO.	BC-2-510 510A 510B 510C 510D 510E-C01	CHECK	Q.L.Dai	REV.	A0
UNIT	mm	APPROVAL	DATE	18-05-2025	
TOLERANCE	OTHERWISE	SCALE	PAGE	1 OF 1	
UP TO 5	±0.2	ANGLE			
ABOVE 5~30	±0.3	0°33'			
ABOVE 30	±0.5				
ANGLE	±3°				