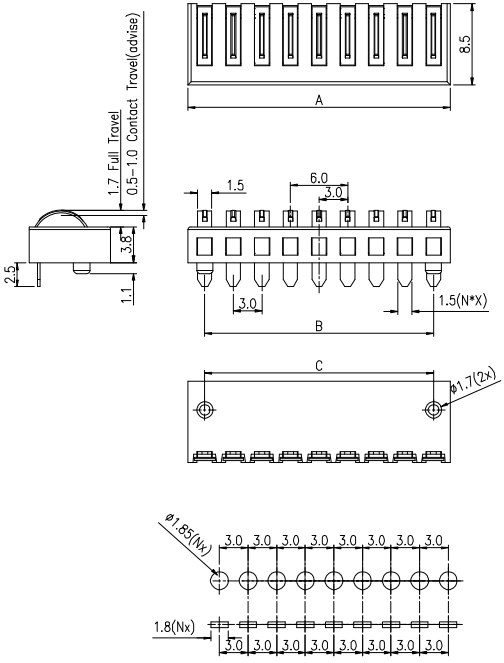
SYMBOL	REVISION	APPROVAL	DATE

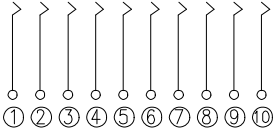
RoHS Compliant



P.C.B LAYOUT

SPECIFICATIONS

1. ELECTRICAL CHARACTERISTICS:
   1-1.RATING: DC 12V 3A
   1-2.CONTACT RESISTANCE: 20mΩ MAX(INITAL)
   1-3.DIELECTRIC WITHSTANDING VOLTAGE:
   500V AC FOR ONE MINUTE
   1-4.INSULATION RESISTANCE: 100MΩ MIN,
   MEASURED BY 500V DC
2. FORCE:0.6mm CONTACT TRAVEL:150gf Max/PIN.
3. LIFE TEST:MECHANICAL LIFE TEST 20,000 CYCLES.
4. TEMPERATURE RISE : 30°C MAX



CIRCUIT

PART No.	PIN(N)	A	B	C
BC-1-224	2	6.5	3.0	3.0
BC-1-344	3	9.5	6.0	6.0
BC-1-435	4	12.5	9.0	9.0
BC-1-519	5	15.5	12.0	12.0
BC-1-621	6	18.5	15.0	15.0
BC-1-711	7	21.5	18.0	18.0
BC-1-809	8	24.5	21.0	21.0
BC-1-904	9	27.5	24.0	24.0
BC-1-1004	10	30.5	27.0	27.0

NO.	PARTS	MATERIAL	QTY.	FINISHING
2	HOUSING	PPA	1	BLACK
1	CONTACT TERMINAL	BECU	N	Au PLATED

东莞市朗顿电子科技有限公司

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PART NAME	CONNECTOR	DRAWING	G.C.Chen	DWG.No.	DS20240925
PART NO.	BC-1-224 344 435 519 621 711 809 904 1004	CHECK	G.C.Chen	REV.	A0
UNIT : mm	TOLERANCE OTHERWISE: UP TO 5 ±0.2; ABOVE 5 ~30 ±0.3; ABOVE 30 ±0.5; ANGLE ±3°	ANGLE 0°±3°	APPROVAL	DATE	2023.09.25
			SCALE 2:1	PAGE	1 OF 1