

F

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RoHS Compliant

SYMBOL



REVISION

0.30 → 0.50

APPROVAL

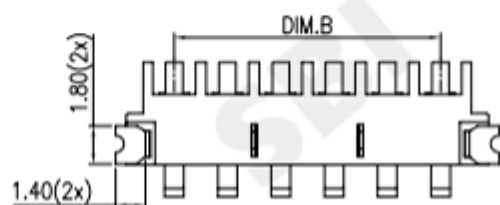
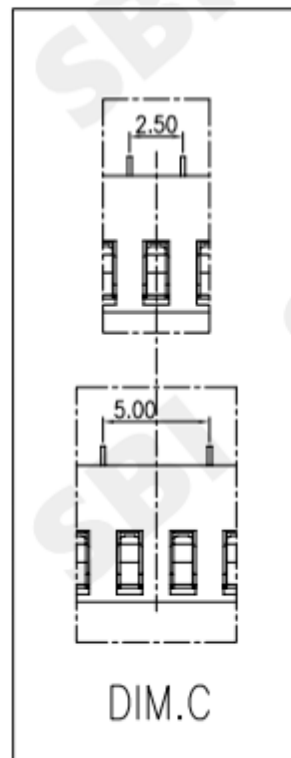
G.C.Chen

DATE

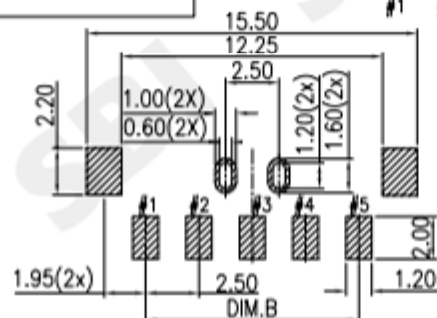
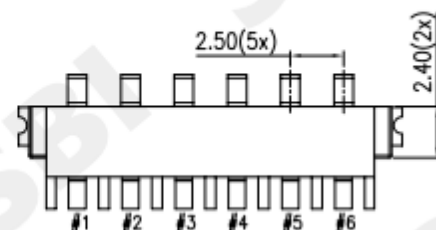
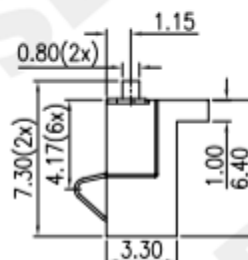
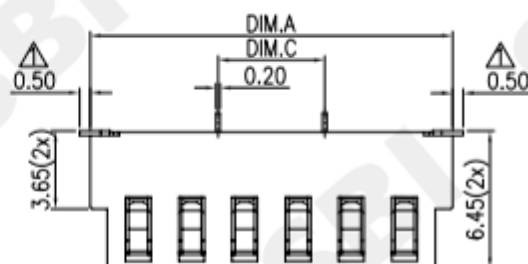
2022-Feb-24

## SPECIFICATIONS

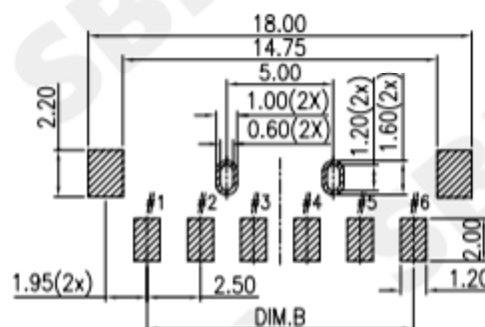
- ELECTRICAL CHARACTERISTICS:
  - 1-1.RATING: DC 12V 2A
  - 1-2.CONTACT RESISTANCE: 20mΩ MAX(INITIAL)
  - 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - 1-4.INSULATION RESISTANCE: 100MΩ MIN,MEASURED BY 500V DC
- FORCE:0.5-1.0mm CONTACT TRAVEL:400±200gf.
- LIFE TEST:MECHANICAL LIFE TEST 10,000 CYCLES.
- PACKING:BAG(1000PCS/BAG) or TAPE & REEL



SCHEMATIC

RECOMMENDED P.C.B LAYOUT  
TOP VIEW (TOLRANCE:±0.05)

3P/5P

RECOMMENDED P.C.B LAYOUT  
TOP VIEW (TOLRANCE:±0.05)

4P/6P

PART NO.	Dimension			PACKING
	DIM.A	DIM.B	DIM.C	TAPE & REEL
CL-046S-3P	9.50	5.00	2.50	300PCS/REEL
CL-046S-4P	12.00	7.50	5.00	220PCS/REEL
CL-046S-5P	14.50	10.00	2.50	180PCS/REEL
CL-046S-6P	17.00	12.50	5.00	140PCS/REEL

No.	DESCRIPTION	MATERIAL	PLATING
1	TERMINAL	C5210	Au PLATED
2	HOUSING	LCP	BLACK
3	PEG	C2680	Sn PLATED
4	BENT TERMINAL	C2680	Sn PLATED

SMART BILLION INDUSTRIAL LIMITED

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PART NAME		CONNECTOR		DRAWING	Z.L.Liang	DWG.No.	CL0039
PART NO.		CL-046S-6P		CHECK	G.C.Chen	REV.	A1
UNIT : mm	TOLERANCE UNLESS OTHERWISE SPECIFIED	X.X ± 0.3	ANGLE	APPROVAL	G.C.Chen	DATE	2022-Feb-24
		X.XX ± 0.2		SCALE	1:1	PAGE	1 OF 1
		X.XXX ± 0.1	0°±3°				

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