



RECOMMENDED PCB LAYOUT (TOP VIEW)

Note 1: If the pattern is included in the shaded area and not treated with resist, it could touch the connector contact.
 Note 2: Please refer to each product size pattern for the universal size of the above patterns (A, B, C, D...).

- Specifications :
 - Voltage rating: 150V AC / DC
 - Current rating: 0.5A AC / DC
 - Withstanding voltage: 250V AC/minute
 - Temperature range: -45°C~+125°C
 - Insulation resistance: ≥500MΩ
 - Contact resistance: ≤50mΩ
 - After environmental testing: ≤60mΩ
 - Max.Processing Temp: 230°C for 30-60 seconds
 - (260°C for 10 seconds)

X1016 W F-XX B XX SN XX
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② Category : W-wafer
- ③ Welding Board Angle: M-Male
- ④ Row No.-Pin No.: XX-21P,31P,41P,51P
- ⑤ B-Positioning column without positioning plate
- ⑥ Material : 46-PA46 94V-0 ; 6T -PA6T 94V-0 ;
- ⑦ plating Category: SN-Bright tin plating ;
- ⑧ Color: Blank-natural color

NO.OF Contacts	A	B	C	D	E
9 PIN	8.3000	3	4	7.1000	0
11 PIN	9.3000	4	5	8.1000	0
13 PIN	10.3000	5	6	9.1000	0
15 PIN	11.3000	6	7	10.1000	0
17 PIN	12.3000	7	8	11.1000	0
19 PIN	13.3000	8	9	12.1000	0
21 PIN	14.3000	9	10	13.1000	5
23 PIN	15.3000	10	11	14.1000	6
25 PIN	16.3000	11	12	15.1000	7
31 PIN	19.3000	14	15	18.1000	10
41 PIN	24.3000	19	20	23.1000	15
51 PIN	29.3000	24	25	28.1000	20

X1016WM-XXB-46SN	Nylon 46 UL 94V-0	Phosphor Bronze	Tin-Plated	Brass	Tin-Plated
X1016WM-XXB-6TSN	Nylon 6T UL 94V-0				
PART NO	Material	Material(Pin)	Finish(Pin)	Material (Solder Tab)	Finish (Solder Tab)

广东星坤科技股份有限公司

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REVISIONS
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ANGULAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

UNSPECIFIED TOLERANCES

DSND	DATE	SCALE: N/A	MODEL TYPE: X1016WF-XXB-XXSN
DWN	DATE	VIEW:	PART NO.: 1.00 mm Crimp Style Connectors
CHKD	DATE	UNIT: mm/in	DWG NO.:
APPD	DATE	SIZE: A4	
KKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT 1.0g
			SHEET 1/1
			REVISION A0