



Recommended P.C.B Layout
General Tolerance±0.05

■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤30mΩ
- After environmental testing: ≤50mΩ

X1251 W R S-XX HF-XX SN XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-wafer
- ③ Welding Board Angle: R- Right Angle 90°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-02P~15P
- ⑥ Plug the Pin & Special No.: HF-Halogen free
- ⑦ Material: 9T-PA9T 94V-0 ; 46-PA46 94V-0 ; LP-LCP 94V-0
- ⑧ Plating Category: SN-Bright tin plating ; SW-Fog Tin plating
- ⑨ Color: Blank-natural color

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	1.25	5.75	3.75	09	10.00	14.50	12.50
03	2.50	7.00	5.00	10	11.25	15.75	13.75
04	3.75	8.25	6.25	11	12.50	17.00	15.00
05	5.00	9.50	7.50	12	13.75	18.25	16.25
06	6.25	10.75	8.75	13	15.00	19.50	17.50
07	7.50	12.00	10.00	14	16.25	20.75	18.75
08	8.75	13.25	11.25	15	17.50	22.00	20.00

X1251WRS-XX-46SW	PA46 UL 94V-0	Phorphos Bronze	Tin Plating Matte Tin 70u" Min.Over Ni 30u"	X1251H
X1251WRS-XXHF-LPSW	LCP UL 94V-0 Halogen Free		Tin Plating Matte Tin 70u" Min.Over Ni 30u"	
X1251WRS-XX-9TSN	Nylon 9T UL 94V-0		Tin-Plated Bright 70u" Over Ni 30u"	
PART NO	Material	Material (Solder Tabs)	Finish (Solder Tabs)	Suitable XKB Terminal

For and on behalf of
XKB INDUSTRIAL PRECISION CO., LIMITED
香港星坤工業精密有限公司

△ X					ANGULAR	±5°	DSND		DATE	SCALE: N/A	MODEL TYPE: X1251WRS-XXHF-XXXX	
△ X					L ≤ 4	±0.2	DWN		DATE	VIEW:	PART NO.:	
△ X					4 < L ≤ 16	±0.3	CHKD		DATE	UNIT: mm	1.25mm Crimp Style Connectors	
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63	±0.4	APPD		DATE	SIZE: A4	DWG NO.:	
	REVISIONS					UNSPECIFIED TOLERANCES	XKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT	SHEET	REVISION
										1.0g	1/1	A0