



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

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

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

DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE: X1251WRS-XXHF-XXXX
ANGULAR				±5°	DWN	DATE	VIEW:	PART NO.:
L ≤ 4				±0.2	CHKD	DATE	UNIT: mm	1.25mm Crimp Style Connectors
4 < L ≤ 16				±0.3	APPD	DATE	SIZE: A4	DWG NO.:
16 < L ≤ 63				±0.4				
L > 63				±0.5				

REVISIONS	DATE	REVISIONS	DATE	UNSPECIFIED TOLERANCES	WEIGHT	SHEET	REVISION
Authorized Signature(s)					1.0g	1/1	A0

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