

1

2

3

4

A

B

C

D

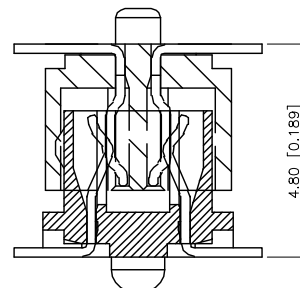
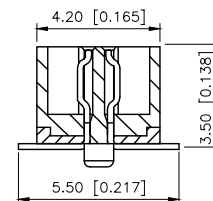
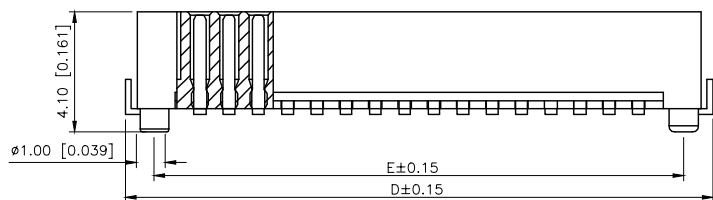
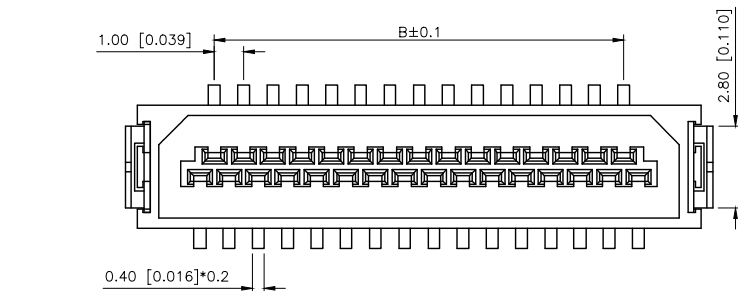
A

B

C

D

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.17	阿树



ASSEMBLY
SCALE 2:1

Specifications :

Voltage rating: 50V AC / DC
Current rating: 0.5A AC / DC
Withstanding voltage: 200V AC/minute
Temperature range: -40°C~+105°C
Insulation resistance: $\geq 500\text{M}\Omega$
Contact resistance: $\leq 50\text{m}\Omega$
After environmental testing: $\leq 60\text{m}\Omega$
Max.Processing Temp: 230°C for 30-60 seconds
(260°C for 10 seconds)

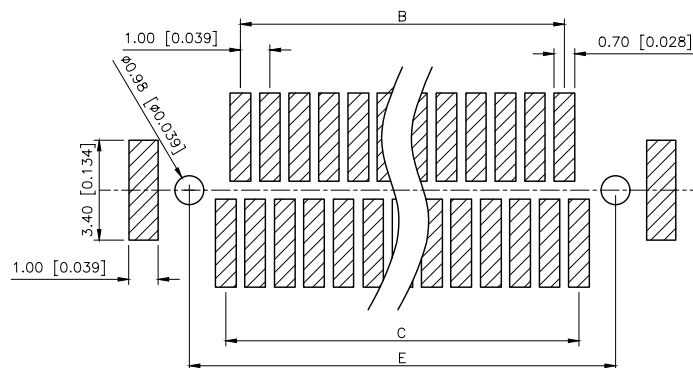
PART NO.:

X1016 W M-21-46 SN
① ② ③ ④ ⑤ ⑥

- ①Series No
②Category:W-wafer
③Welding Board Angle: M-Male
④Row No.-Pin No.: XX-19P~51P
⑤Material:46-PA46 94V-0;
6T-PA6T 94V-0;
⑥Planting Category:SN-Bright tin plating;

NO.OF Contacts	Dimensions				
	A	B	C	E	D
19pin	13.40	8.00	9.00	12.10	15.10
21pin	14.40	9.00	10.00	13.10	16.10
31pin	19.40	14.00	15.00	18.10	21.10
41pin	24.40	19.00	20.00	23.10	26.10
51pin	29.40	24.00	25.00	28.10	31.10

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE ± 0.05)



X1016WM-21-46SN	Nylon 46 UL 94V-0	Phosphor Bronze	Tin-Plated	Brass	Tin-Plated
X1016WM-21-6TSN	Nylon 6T UL 94V-0				
PART NO	Material	Material(Pin)	Finish(Pin)	Material (Solder Tab)	Finish (Solder Tab)

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	



DESIGN	阿树	VIEW:		MODEL TYPE: 1.00 mm Crimp Style Connectors
CHECKED		UNIT:	mm/in	PART NO.: X1016WM-21-46SN
APPROVED		SIZE:	A4	DWG NO.: X-X1016WM-21-46SN

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1

1

2

3

4