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RHOHS

REVISONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
A0	N/A		INITIAL RELEASE	2024.08.21

Specifications(规格):

1.Impedance(特性阻抗) : 50Ω;

2.Frequency (工作频率) : DC~6GHz;

3.VSWR (电压驻波比) : 1.40 @DC~2GHz;
1.50 @2~3GHz;
1.60 @3~6GHz;

4.Insulation resistance(绝缘阻抗) : ≥100MΩ;

5.Dielectric withstand voltage (介质耐电压) :
800V AC;

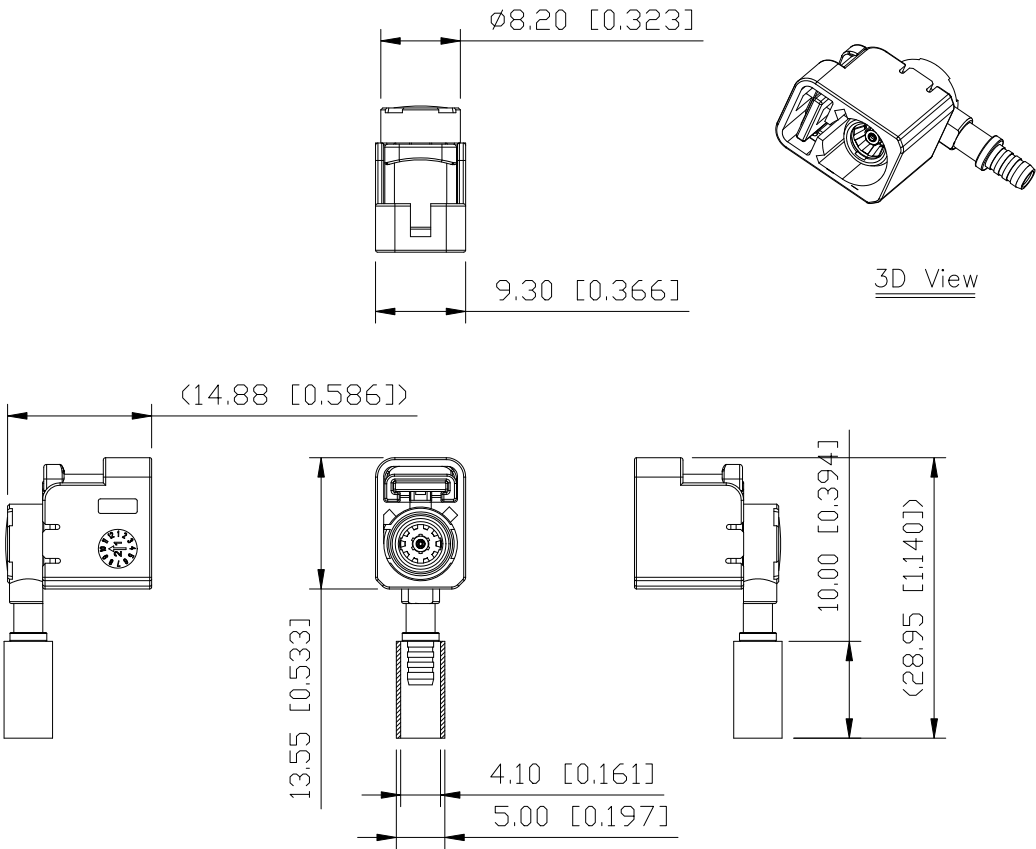
6.Mating cycles (耐久性) : ≥25;

7.Engagement force(啮合力) : ≤25N;

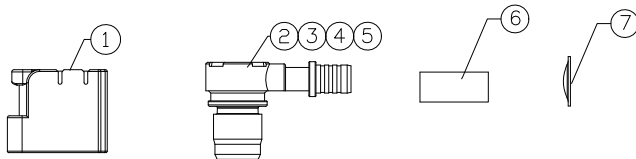
8.Retention force latch(保持力) : ≥110N;

9.Temperature range(使用温度) : -40℃~+105℃;

PART NO.:
XK1PLF1R7-NA06-X
Code: A~Z



BOM List:



ANGLAR	±5°
X.	±0.50
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10

UNSPECIFIED TOLERANCES

7	CAP	SUS		1 PC	
6	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	
5	Spring	Copper Alloy	Tin PLATED	1 PC	
4	Dielectric	LCP		1 PC	
3	Outer Conductor	Zinc Alloy	Tin PLATED	1 PC	
2	Center Conductor	Copper Alloy	Gold PLATED	1 PC	
1	Housing	PBT		1 PC	
NO.	SPEC.	MATERIAL	FINISH (Contact)	Q' TY	Note

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



DESIGN	希文	VIEW:	MODEL TYPE: FAKRA Female R/A Connector for 302
CHECKED		UNIT: mm/in	PART NO.: XK1PLF1R7-NA06-X
APPROVED		SIZE: A4	DWG NO.: X-XK1PLF1R7-NA06-X

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/2	A0

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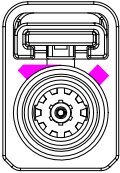
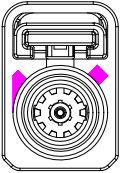
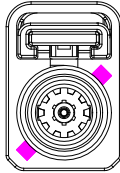
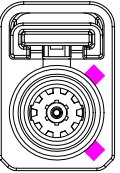
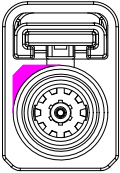
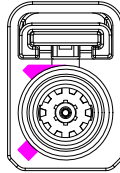
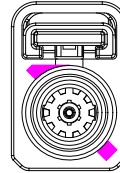
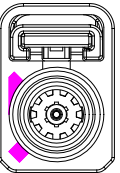
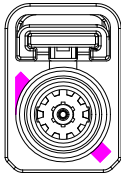
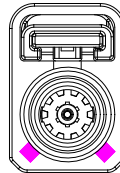
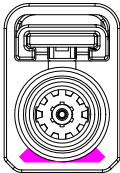
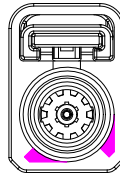
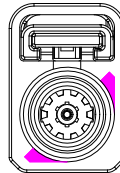
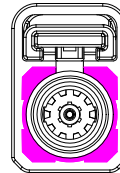
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REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
A0	N/A		INITIAL RELEASE	2024.08.21

Code List:

Colde							
	A	B	C	D	E	F	G
Color/RAL-No.	Black/9005	White/9001	Blue/5005	Bordeaux/4004	Green/6002	Brown/8011	Grey/7031
PART NO.	XK1PLF1R7-NA06-A	XK1PLF1R7-NA06-B	XK1PLF1R7-NA06-C	XK1PLF1R7-NA06-D	XK1PLF1R7-NA06-E	XK1PLF1R7-NA06-F	XK1PLF1R7-NA06-G
Colde							
	H	I	K	L	M	N	Z
Color/RAL-No.	Violet/4003	Beige/1001	Curry/1027	Carmine red/3002	Pastel Orange/2003	Pastel Green/6019	Water Blue/5021
PART NO.	XK1PLF1R7-NA06-H	XK1PLF1R7-NA06-I	XK1PLF1R7-NA06-K	XK1PLF1R7-NA06-L	XK1PLF1R7-NA06-M	XK1PLF1R7-NA06-N	XK1PLF1R7-NA06-Z

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X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



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CHECKED		UNIT: mm/in	PART NO.: XK1PLF1R7-NA06-X
APPROVED		SIZE: A4	DWG NO.: X-XK1PLF1R7-NA06-X
			SCALE: N/A
			PAGE: 2/2
			REVISION: A0