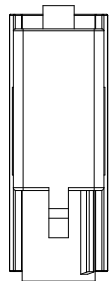
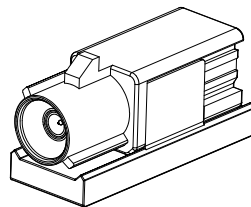


ROHS



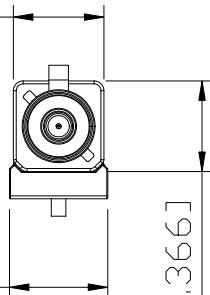
7.50 [0.295]



3D View

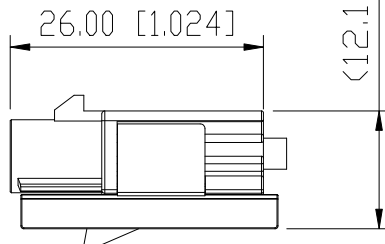
12.10 [0.476]

9.30 [0.366]

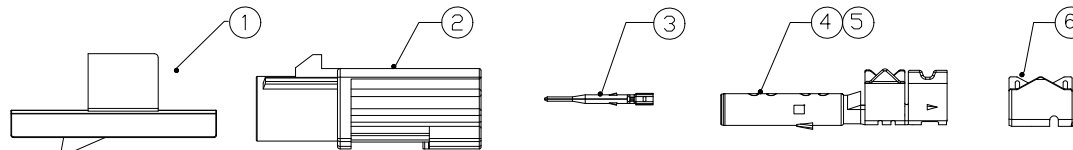


10.10 [0.398]

9.30 [0.366]



BOM List:



6	Outer Ferrule	Copper Alloy	Tin PLATED	1 PC	5000PCS/R
5	Dielectric	PBT		1 PC	
4	Outer Conductor	Copper Alloy	Tin PLATED	1 PC	
3	Center Conductor	Copper Alloy	Gold PLATED	1 PC	5000PCS/R
2	Housing	PBT		1 PC	
1	Secondary Lock	PBT		1 PC	
NO.	SPEC.	MATERIAL	FINISH (Contact)	Q' TY	Note

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XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN	希文	VIEW:	
CHECKED		UNIT:	mm/in
APPROVED		SIZE:	A4

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

MODEL TYPE: FAKRA Male Connector for 302		
PART NO.: XK1PLM1S7-NA16-X		
DWG NO.: X-XK1PLM1S7-NA16-X		
SCALE	PAGE	REVISION
N/A	1/2	A0

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.12	

- 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): 1.50 @3GHz;
1.60 @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.:
XK1PLM1S7-NA16-X
Code: A~Z

1

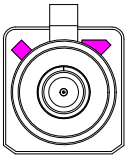
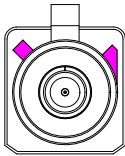
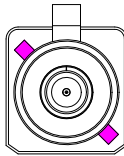
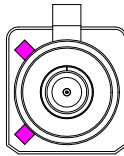
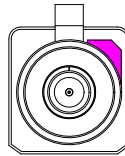
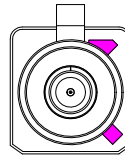
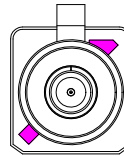
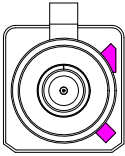
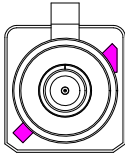
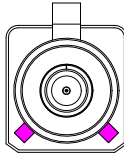
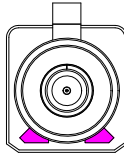
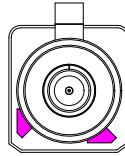
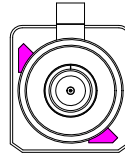
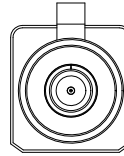
2

3

4

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.12	

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.	XK1PLM1S7-NA16-A	XK1PLM1S7-NA16-B	XK1PLM1S7-NA16-C	XK1PLM1S7-NA16-D	XK1PLM1S7-NA16-E	XK1PLM1S7-NA16-F	XK1PLM1S7-NA16-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.	XK1PLM1S7-NA16-H	XK1PLFM1S7-NA16-I	XK1PLM1S7-NA16-K	XK1PLM1S7-NA16-L	XK1PLM1S7-NA16-M	XK1PLM1S7-NA16-N	XK1PLM1S7-NA16-Z

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ANGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN	希文	VIEW: 	MODEL TYPE: FAKRA Male Connector for 302		
CHECKED		UNIT: mm/in	PART NO.: XK1PLM1S7-NA16-X		
APPROVED		SIZE: A4	DWG NO.: X-XK1PLM1S7-NA16-X		
			SCALE	PAGE	REVISION
			N/A	2/2	A0