

REV	ECN	CONTENT	CHECK	DATE
V0.0		ORIGINAL	WL	2019.09.07
V1.0		arrange the drawing	WL	2020.06.03

SPECIFICATION:

1. Rating:
Switching: 25mA, 24VDC
Non-Switching: 100mA, 50VDC
2. Contact Resistance:
Initial: 50mΩ max
After Life Test: 100mΩ max
3. Insulation Resistance: 100MΩ min/500 VDC
4. Withstand Voltage: 500VAC for 1 minute
5. Operation Force: 1000g max
6. Travl: 2.0mm
7. Mechanical Life: min 2000 cycles
8. Operation Temperature: -40℃ ~ +85℃
9. Storage Temperature: -40℃ ~ +85℃
10. RoHS Compliance

SOLDERING INFORMATION:

Manual Soldering: 30W iron, 320±5℃, 3S max
Wave Soldering: 260±5℃, 5S max

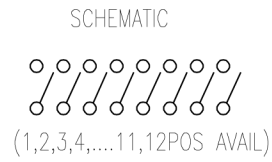
Keep in "off" position during soldering

6	HOUSING2	\	1	THERMOPLASTIC	UL94V-0
5	PIN2	\	P	COPPY ALLOY	Au plated
4	PIN1	\	P	COPPY ALLOY	Au plated
3	BASE	\	1	THERMOPLASTIC	UL94V-0
2	HOUSING	\	1	THERMOPLASTIC	UL94V-0
1	ACTUATOR	\	P	NYLON	UL94V-0
ITEM	NAME OF PART	NO. OF PART	Q' TY	MATERIAL	NOTE

APP.	DATE	NAME	KF1003X-XXP-XX-DFT-XXX		
CHK.	DATE	DWGNO.	W20000032		
DWG.	DATE	SHEET	1/1	PROJECTION-METHOD	☉ ⊕
UNITS	MM	SCALE	1:1		

HOW TO ORDER
KF1003 X-XXP-XX - XXX-XXX

Series: Blank: no plate, G: Fixed Plate
Color: R3: Red, B0: Blue
Special number



Poles	Dim P	Dim L
1P	/	3.96
2P	2.54	6.50
3P	5.08	9.04
4P	7.62	11.58
5P	10.16	14.12
6P	12.70	16.66
7P	15.24	19.20
8P	17.78	21.74
9P	20.32	24.28
10P	22.86	26.82
11P	25.40	29.36
12P	27.94	31.90

General tolerance in mm						radii and chamfers			shorter angle side			≡			— //			
over 0.5	over 3	over 6	over 30	over 120	over 400	over 0.5	over 3	over 6	up to	over 10	over 50	all	over 0	over 100	over 150			
to 3	to 6	to 30	to 120	to 400	to 1000	to 3	to 6		10	50	120	0.5	0.2	0.3	0.5			
±0.15	±0.2	±0.25	±0.3	±0.5	±0.8	±0.2	±0.5	±1.0	±1°	±30'	±20'							

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