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SPECIFICATION FOR APPROVAL

CUSTOMER	Konkur
CERTIFIED MODEL/TYPE	
PART NO.	KRV14431075FBY(RoHS+HF)
APPLICATION	
CUSTOMER P/N	
ISSUE DATE	Aug.29.2022
REV. NO.	
REV. DATE	

FOR CUSTOMER APPROVAL	CHECKED BY
	<i>Haili Gong</i>
	APPROVED BY
	<i>Huaifang Zhang</i>





REVISED RECORD SHEET

REV. NO	REV. DATE	REVISED CONTENT



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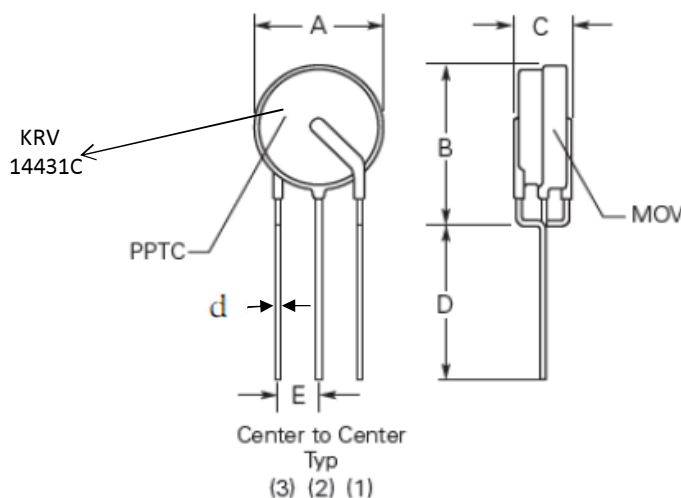
Part Number Code

Example :

KRV **14** **431** **075** **F** **B** **Y**
(1) (2) (3) (4) (5) (6) (7)

No.	Item	Digit	Specification
(1)	Product Type	KRV	Thinking PPTC Thermistor with Varistor combo Type
(2)	Varistor Body Size	14	φ 14 mm
(3)	Varistor Voltage	431	$43 \times 10^1 \text{ V} = 430\text{V}$ ($V_{1\text{mA}}$)
(4)	I hold	075	0.75A @ 23°C
(5)	Appearance	F	Refer to "Structure and Dimensions" Page 2
(6)	Packaging	B	Bulk
(7)	Optional Suffix	Y	RoHS+HF compliance

Structure and Dimensions



A	B	C	D		E	d	
max.	max.	max	min.	max.	Nominal	min	max
16.0	21.0	7.4	3.0	5.0	2.5	0.61	0.65

Overcurrent(terminals 1-2) Electrical Characteristics (23 °C)

Part No.	I hold @ 23°C	I trip @ 23°C	Max.time to trip(S)			Resistance at 23°C		
	(A)	(A)	Current (A)	typ. (sec)	max. (sec)	Rimin (Ω)	Rimax (Ω)	R1max (Ω)
KRV14431075FBY	0.75	1.50	7.00	0.90	1.20	0.37	0.80	1.00

R1max=Maximum resistance of the device one hour after tripping at 23°C .

Overvoltage(terminals 2-3) Electrical Characteristics (23 °C)

Part No.	Varistor Voltage (@ 1mA DC)	DC Resistance @100V	Maximum Clamping Voltage @25A	Typical Power
	V _{1mA} (V)	(MΩ)	V _p (V)	Pd (W)
KRV14431075FBY	430 ± 10 %	>10	710	0.60

Surge ImmunityFor The Assemebly (Terminal 2- 3) - Surge immunity @ (25 °C)

Part No.	Parameter	Voltage-Open Circuit		Current-Short Circuit		Repetitions
		Voltage (V)	Waveform (μs)	Current (A)	Waveform (μs)	
KRV14431075FBY	IEC / EN 61000-4-5	2000	1.2×50	1000	8×20	5ea Polarity

Caution:Operation beyond the specified rating or improper use may result in damage
and possible arcing and flame.

RoHS Compliant Declaration

We hereby declare that the components delivered to your company are compliant with RoHS directive 2015/863/EU.

Warehouse Storage Conditions of Products

(I) Storage Conditions :

- 1.Storage Temperature : -10 ~ +40°C
- 2.Relative Humidity : $\leq 75\%RH$
3. Keep away from corrosive atmosphere and sunlight.

(II) Period of Storage : 1 year



Certificates

(1) IATF 16949 certificate

(2) ISO 9001 certificate

Test Report

(1) RoHS test report

(2) Halogen-free test report