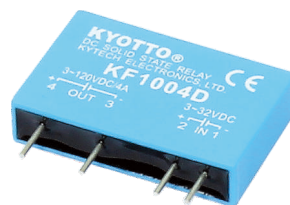


固態繼電器 SOLID STATE RELAY

KF1002D
KF1004D

KF10 SERIES

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>



型號索引說明 Model No. Descriptions:

KF10 04 D

These two letters indicate SSR's series:

KF : DC - DC TYPE

負載電壓
THE OUTPUT VOLTAGE:
10 = 120VDC

負載電流
THE OUTPUT CURRENT:
02 = 2A , 04 = 4A

Control Voltage :
D = DC input (3~32VDC)

產品摘錄 PRODUCT SELECTON

輸出規格 OUTPUT SPECIFICATIONS

品名	Description	KF1002D	KF1004D
負載電壓範圍	Operating Voltage [VDC]	3-120VDC	3-120VDC
最大負載電流	Maximum Load Current [A]	2A	4A
破壞電壓	Maximum Transient Overvoltage [Vpk]	140	140
洩露電流	Maximum Off-State Leakage Current @Rated Voltage [mA]	Less 1mA	Less 1mA
最大瞬間承受電流	Maximum Surge Current [Adc] (10ms)	3A	8.5A
動作壓降	Maximum On-State Voltage Drop @ Rated Current [VDCrms]	1.5	1.5
瞬間電壓變化率	Maximum Off-State dV/dt [V/uSEC]	200	200

輸入規格 INPUT SPECIFICATIONS

品名	Description	KF1002D	KF1004D
控制電壓範圍	Control Voltage Range	3-32VDC	3-32VDC
最小導通電壓	Minimum Turn-on Voltage	3.0	3.0
最大關斷電壓	Maximum Turn-off Voltage	1.0	1.0
輸入電流	Typical Input Current	15mA	15mA
最大動作時間	Maximum Turn-on Time [mSec]	Less 2m Sec	Less 2m Sec
最大關斷時間	Maximum Turn-off Time [mSec]	Less 2m Sec	Less 2m Sec

一般規格 GENERAL SPECIFICATIONS

品名	Description	KF1002D	KF1004D
輸入/輸出至外殼絕緣電壓	Dielectric Strength , Input-Output Base (50/60Hz)	-	-
輸入/輸出絕緣電壓	Dielectric Strength , Input-Output (50/60Hz)	2500	2500
絕緣電阻	Minimum Insulation Resistance	10 ⁹ ohm	10 ⁹ ohm
輸入-輸出容抗	Maximum Capacitance , Input-Output	Less 15pf	Less 15pf
工作溫度範圍	Ambient Operating Temperature Range	-20°C~+80°C	-20°C~+80°C
儲存溫度範圍	Ambient Storage Temperature Range	-40°C~+100°C	-40°C~+100°C
觸發方式	Switching Type	電晶體 (TR)	電晶體 (TR)
重量	Weight (g)	15g	15g

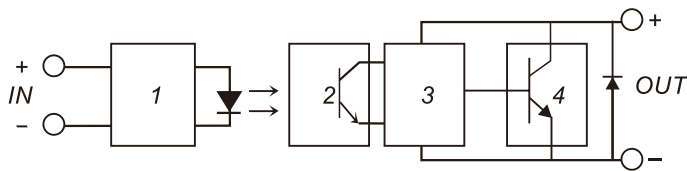
GENERAL NOTES

- (1) All parameters at 25°C unless otherwise specified
- (2) Dielectric strength and insulation resistance are measured between input and output
- (3) Heat sinking require , for derating curves see next page.

Do not forget to visit us at : www.kyotto.com
Specifications subject to change without notice.

KYOTTO®
SOLID STATE RELAY

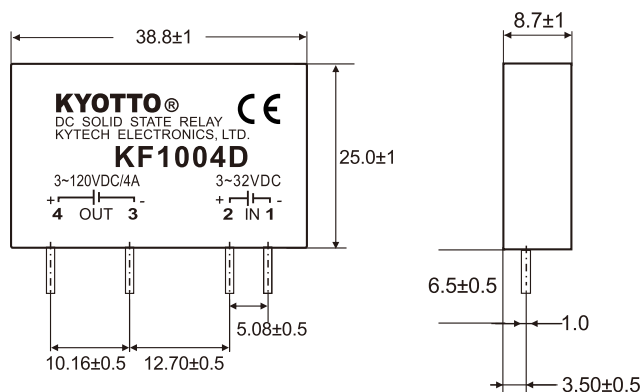
等效電路圖 EQUIVALENT CIRCUIT



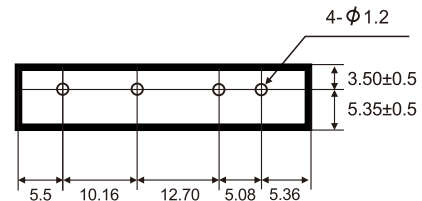
- 1.INPUT CIRCUIT
- 2.PHOTO DETECTOR
- 3.AMPLIFIER
- 4.PROTECTED CIRCUIT

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外觀尺寸圖 MECHANICAL DIMENSIONS (Unit:mm)

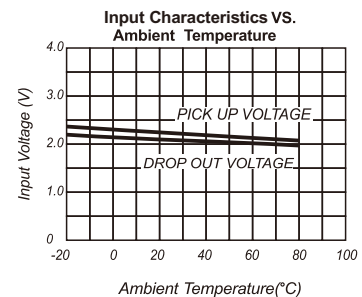
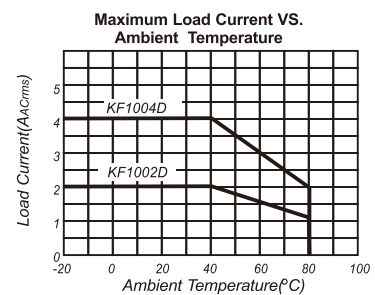
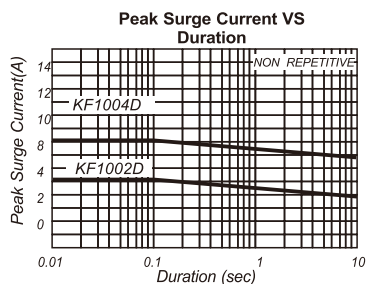
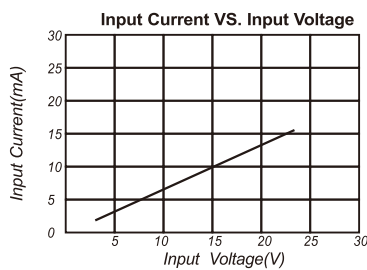


◎仰視圖(Bottom View)



CHARACTERISTIC CURVES

CHARACTERISTIC CURVES



GENERAL NOTES

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- (2) Dielectric strength and insulation resistance are measured between input and output
- (3) Heat sinking require , for derating curves see next page.