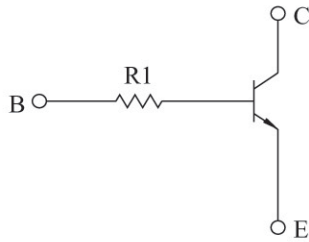


SWITCHING APPLICATION.
INTERFACE CIRCUIT AND DRIVER CIRCUIT APPLICATION.

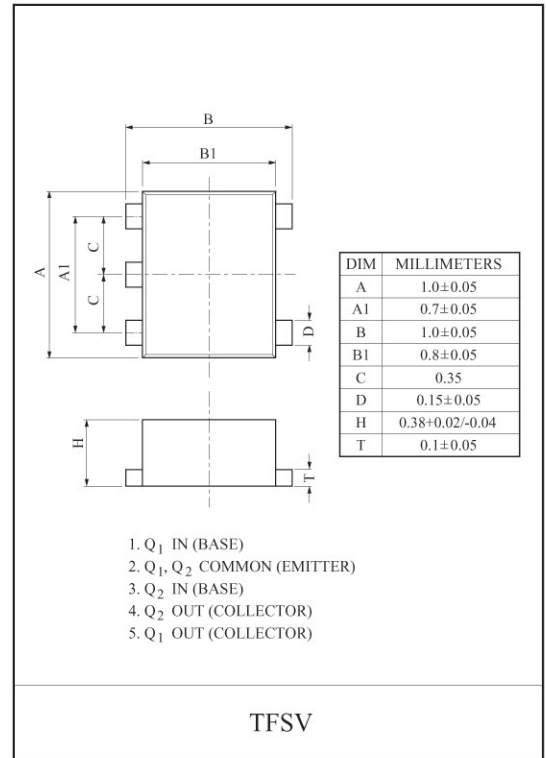
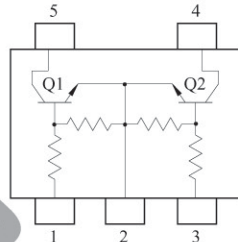
FEATURES

- With Built-in Bias Resistors.
- Simplify Circuit Design.
- Reduce a Quantity of Parts and Manufacturing Process.
- High Packing Density.
- Thin Fine Pitch Super mini 5pin Package.

EQUIVALENT CIRCUIT



EQUIVALENT CIRCUIT (TOP VIEW)



MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V _{CBO}	20	V	Collector Power Dissipation	P _C *	50	mW
Collector-Emitter Voltage	V _{CEO}	20	V	Junction Temperature	T	150	°C
Emitter-Base Voltage	V _{EBO}	5	V	Storage Temperature Range	T _{stg}	-55 ~ 150	°C
Collector Current	I _C	50	mA	* Total Rating.			

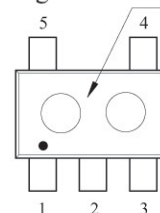
ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current	I _{CBO}	V _{CB} =20V, I _E =0	-	-	100	nA
Emitter Cut-off Current	I _{EBO}	V _{EB} =5V, I _C =0	-	-	100	nA
DC Current Gain	h _{FE}	V _{CE} =5V, I _C =1mA	300	-	-	-
Collector-Emitter Saturation Voltage	V _{CE(sat)}	I _C =5mA, I _B =0.25mA	-	-	0.15	V
Collector Output Capacitance	C _o	V _{CB} =10V, I _E =0, f=1MH	-	1.2	-	pF
Input Resistor	KRC 0F	-	3.2	4.7	.11	kΩ
	KRC 1F		7	10	13	
	KRC 3F		15.4	22	28.	
	KRC 4F		32.	47	1.1	

MARK SPEC

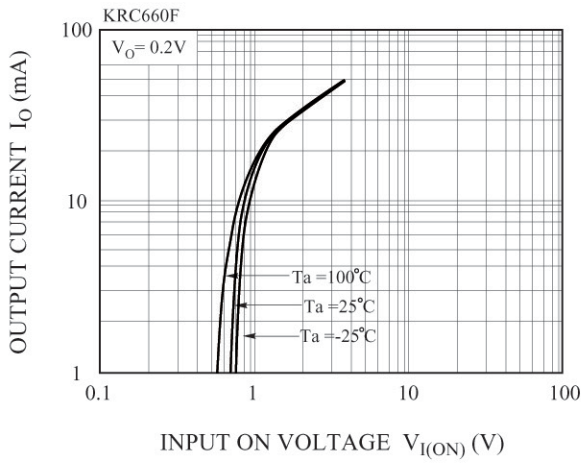
TYPE	KRC 0F	KRC 1F	KRC 3F	KRC 4F
MARK	K	L	N	P

Marking

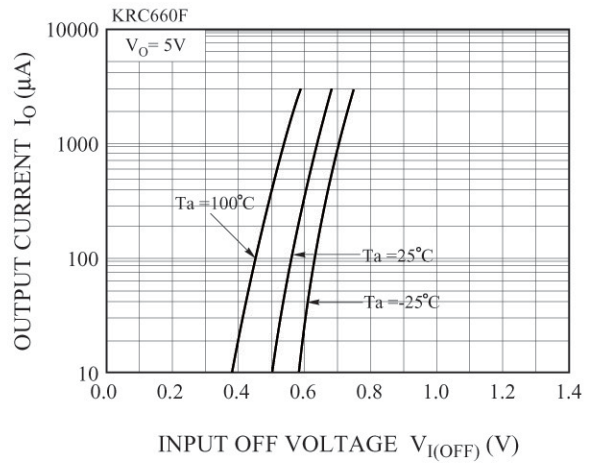


KRC660F~KRC664F

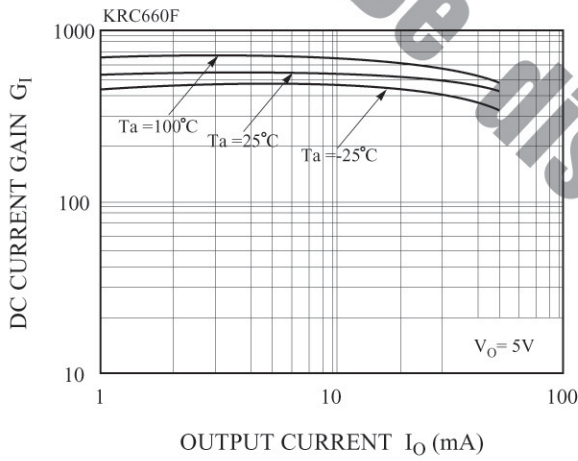
$I_O - V_{I(ON)}$



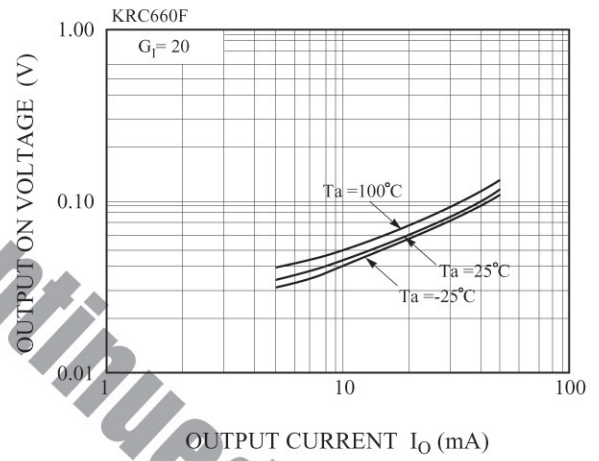
$I_O - V_{I(OFF)}$



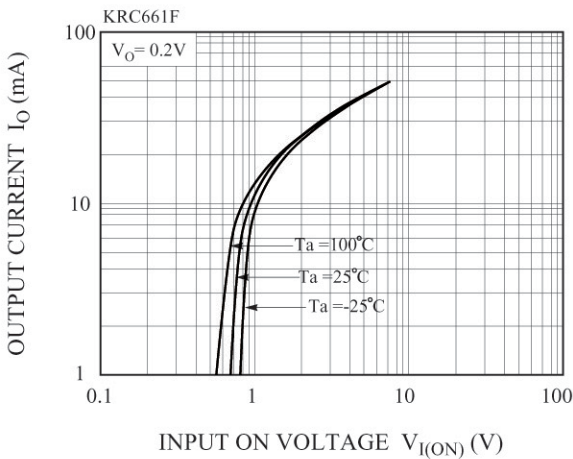
$G_I - I_O$



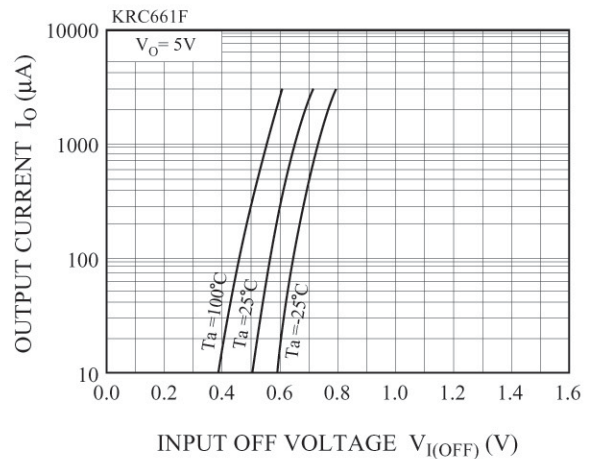
$V_{O(ON)} - I_O$



$I_O - V_{I(ON)}$

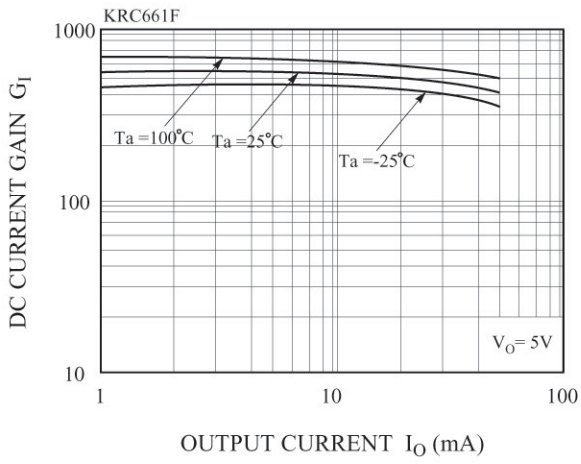


$I_O - V_{I(OFF)}$

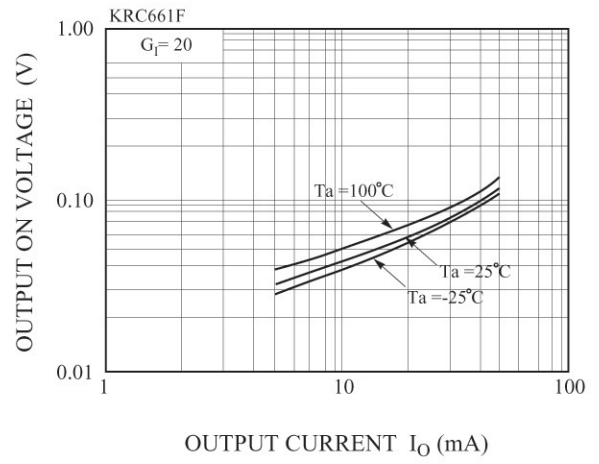


KRC660F~KRC664F

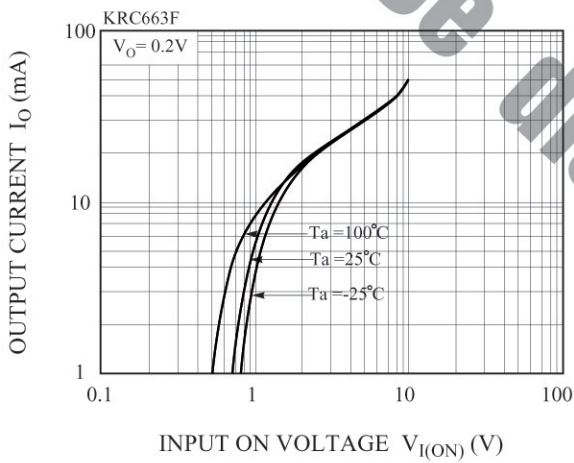
$G_I - I_O$



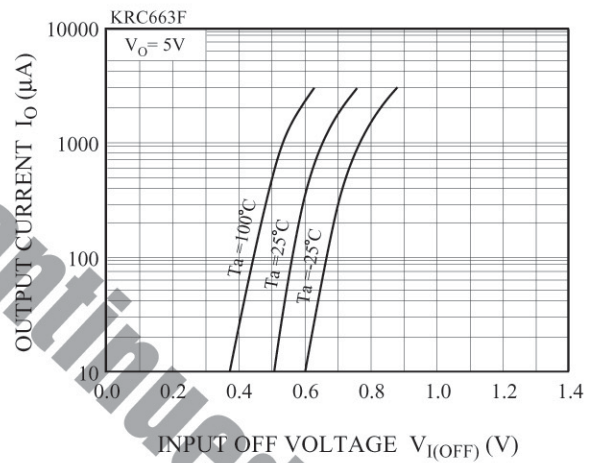
$V_{O(ON)} - I_O$



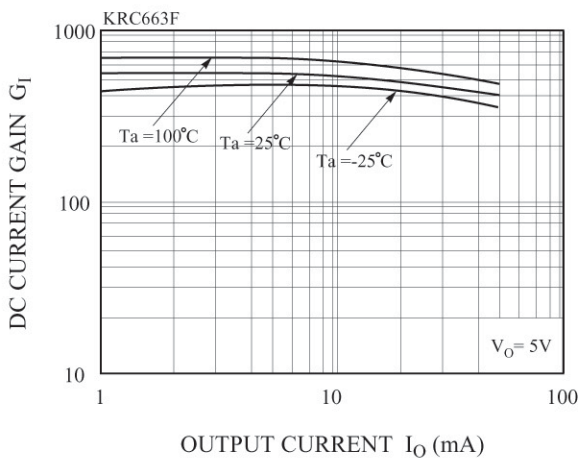
$I_O - V_{I(ON)}$



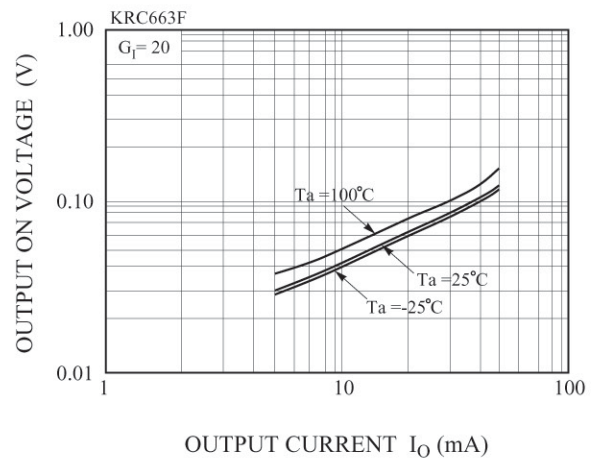
$I_O - V_{I(OFF)}$



$G_I - I_O$

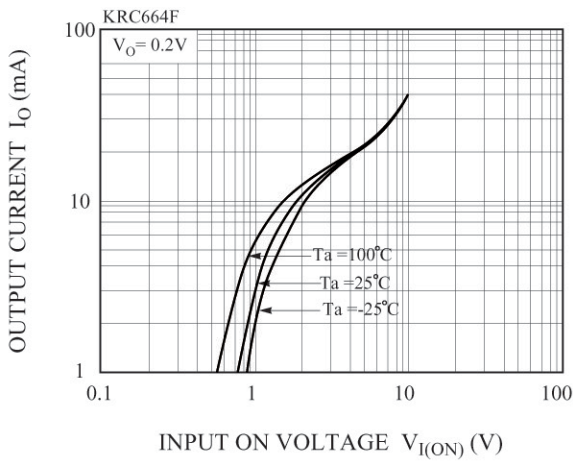


$V_{O(ON)} - I_O$

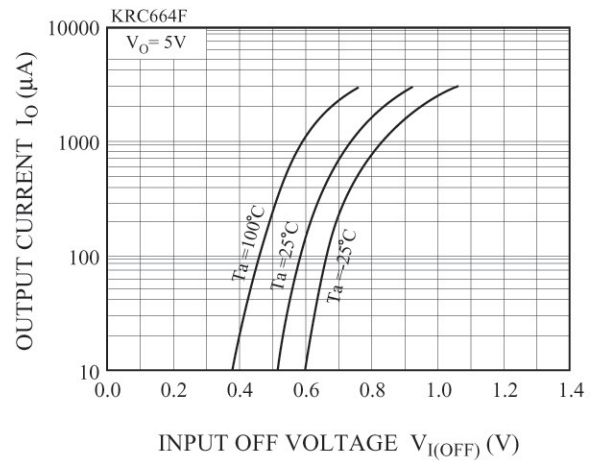


KRC660F~KRC664F

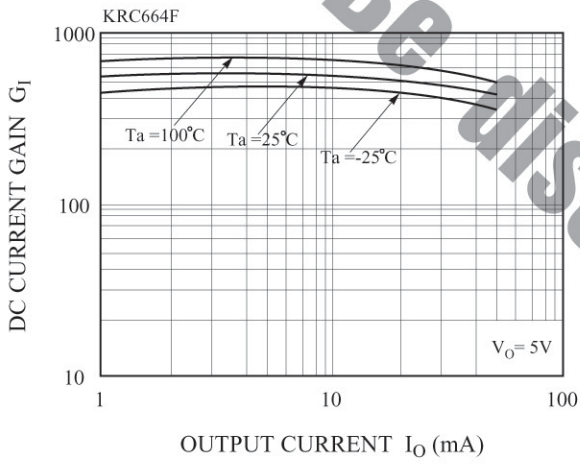
$I_O - V_{I(ON)}$



$I_O - V_{I(OFF)}$



$G_I - I_O$



$V_{O(ON)} - I_O$

