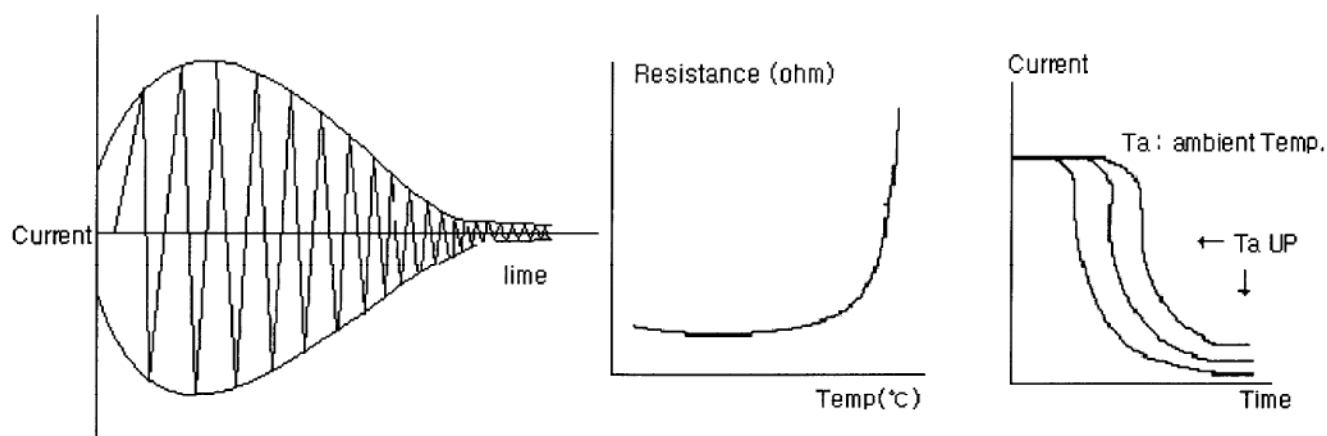
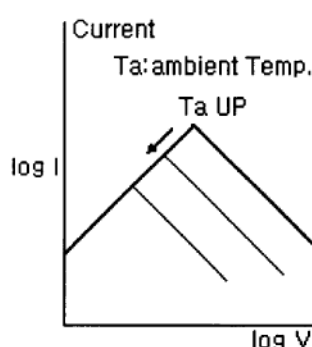


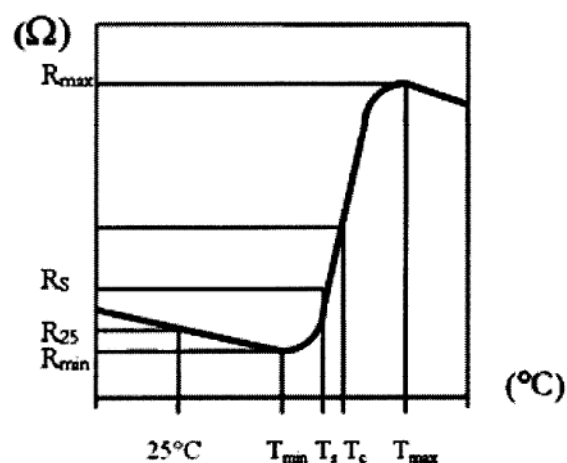
## FCD Series

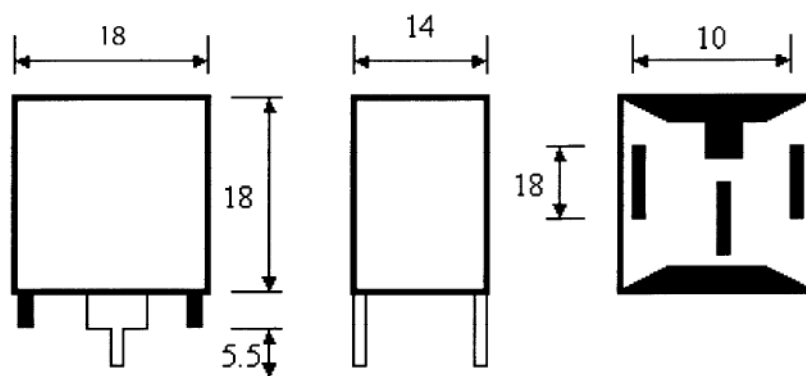
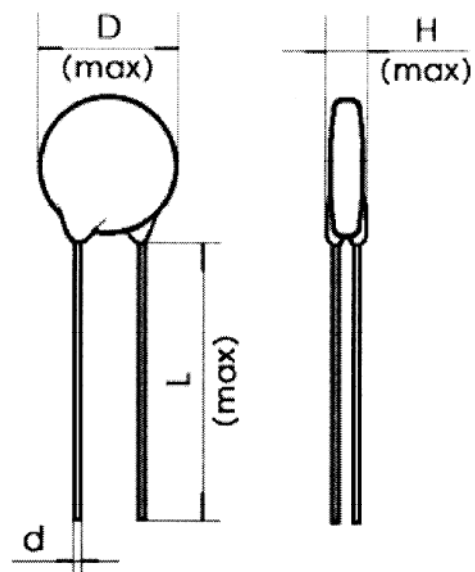


To minimize picture distortion and beam landing error (color impurity), the shadow mask, and associated material parts of the tube, TVs/Monitors must be demagnetized at switch on. This is done by passing decaying AC through the degaussing coil. An alternating magnetic field is generated, which gradually decays to demagnetize the tube. The high inrush current into the degaussing coil but low residual current after degaussing are two main factors for degaussing color TVs/Monitors. In other words, the larger the ratio of inrush current to residual current if the better the degaussing will be achieved. There are two kinds of PTC thermistors for degaussing in our product categories, lead and case types. Based on its various usages, case type has single and dual PTC elements with wide range models, in term of resistance.

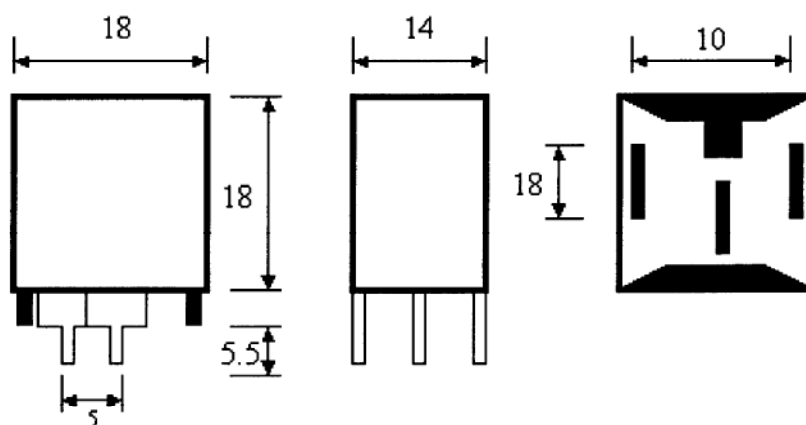


R	=	Resistance (Ohm)
$R_{min}$	=	Min. Resistance
$R_{max}$	=	Max. Resistance
$R_s$	=	Switch Resistance
$R_{25}$	=	Resistance at 25°C
T	=	Temperature (°C)
$T_s$	=	Switch Temperature
$T_c$	=	Curie Temperature
$T_{min}$	=	Temperature corresponding to $R_{min}$
$T_{max}$	=	Temperature corresponding to $R_{max}$





Unit:mm



Unit:mm

	Part No.	Curie Point	R25±%(Ω)	V rated (AC)	Operation Current		Degaussing Coil Res. (Ω)
					Inrush Current	Ire.After 60 Sec	
Bulk Packing Type	FCP090M290	60 °C ↕ 70 °C	9±20%	110/220V	>15(A p-p)	<15(A p-p)	12
	FCP140M290		14±20%		>25(A p-p)	<12(A p-p)	10
Single Case Type	FCDA050M140		5±20%		>27(A p-p)	<18(A p-p)	4
	FCDA090M140		9±20%		>26(A p-p)	<10(A p-p)	12
	FCDA100M140		10±20%		>24(A p-p)	<10(A p-p)	12
	FCDA140M140		14±20%		>20(A p-p)	<10(A p-p)	12
	FCDA180M140		18±20%		>18(A p-p)	<8(A p-p)	12
	FCDA200M140		20±20%		>17(A p-p)	<8(A p-p)	12
	FCDA220M140		22±20%		>16(A p-p)	<8(A p-p)	12
	FCDA270M290		27±20%		>14(A p-p)	<8(A p-p)	12
	FCDA300M290		30±20%		>12(A p-p)	<8(A p-p)	12
Dual Case Type	FCDC0405M140		4.5±20%		>21(A p-p)	<18(A p-p)	20
	FCDC070M140		7±20%		>19(A p-p)	<6(A p-p)	20
	FCDC090M140		9±20%		>30(A p-p)	<3(A p-p)	20
	FCDC100M140		10±20%		>24(A p-p)	<3(A p-p)	20
	FCDC120M290		12±20%		>22(A p-p)	<3(A p-p)	12
	FCDC140M290		14±20%		>20(A p-p)	<3(A p-p)	12
	FCDC180M290		18±20%		>18(A p-p)	<3(A p-p)	12
	FCDC200M290		20±20%		>17(A p-p)	<3(A p-p)	12
	FCDC220M290		22±20%		>16(A p-p)	<2(A p-p)	12
	FCDC270M290		27±20%		>14(A p-p)	<2(A p-p)	12