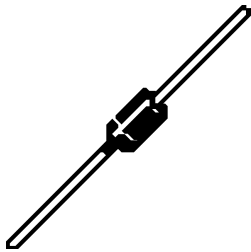




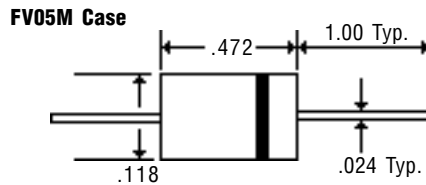
HIGH VOLTAGE MINIATURE PLASTIC RECTIFIERS

FV05M Series

Description



Mechanical Dimensions



Features

- FOR COLOR TV RECEIVER APPLICATIONS - SINGLE, DOUBLER & TRIPLER CIRCUITS
- EXCELLENT HIGH TEMPERATURE OUTPUT CHARACTERISTICS
- DIFFUSED JUNCTION TRANSFORMER
- MULTI-STAGE SINGULAR FLYBACK TRANSFORMER

FV05M Series									Units	
Maximum Ratings	-10	-12	-14	-16	-18	-20	-22	-24		
Peak Repetitive Reverse Voltage... V_{RRM}	10	12	14	16	18	20	22	24	KVolts	
Non-Repetitive Peak Forward Surge Current... I_{FSM}	.....				1.0	.....				Amps
Repetitive Peak Reverse Surge Current... I_{RSM} @ V_{RRM} 25°C	.....				5.0	.....				mAmps
Average Rectified Forward Current... I_o	.....				5.0	.....				mAmps
Case Temperature... T_c	.....				100	.....				°C
Storage Temperature Range... T_{STRG}	.....				-40 to 125	.....				°C
Electrical Characteristics										
Maximum Forward Voltage... V_F @ 10 mAmps $T_A = 25^\circ C$	30	38	43	50	55	63	70	75	Volts	
Typical Junction Capacitance... C_j @ $V_{RRM} = 0$ V, 25°C, F = 1 MHz	.....				3.5	.....				pF
Maximum Reverse Recovery Time... T_{RR} @ $I_F = 2$ mAmps (.1 @ V_R)	14.4	18	20.4	24	28.4	30	33	36	ms	