

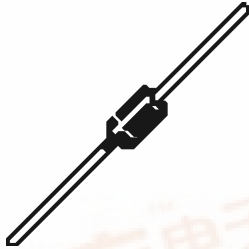


Data Sheet

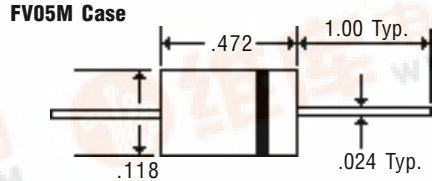
HIGH VOLTAGE MINIATURE PLASTIC RECTIFIERS

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

	<i>FV05M Series</i>								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} @ $I_r = 2$ mAmps (.1 @ V_R)	14.4	18	20.4	24	28.4	30	33	36	ms

