ES5AC THRU ES5JC SMC

Surface Mount Superfast Recovery Rectifier

Reverse Voltage - 50 to 600 V

Forward Current - 5 A

FEATURES

Pinning

1.Cathode	2.Anode





DO-214AB/SMC

MECHANICAL DATA

Marking Code	
ES5AC	YFW ES5A
ES5BC	YFW ES5B
ES5DC	YFW ES5D
ES5GC	YFW ES5G
ES5JC	YFW ES5J

Absolute Maximum Ratings and characteristics

Parameter	Symbols	ES5AC	ES5BC	ES5DC	ES5GC	ES5JC	Units
	V_{RRM}						V
	V_{RMS}						V
	V_{DC}						V
	$I_{F(AV)}$						A
	I_{FSM}						A
	V_F						V
	I_R						μA
R	C_j						pF
1	Trr						nS
(2)	$R_{\theta JA}$/ $R_{\theta JC}$						°C/W
	T_j, T_{stg}						°C

(1) Measured with I_F=0.5A,I_R=1A,I_n=0.25A

(2) P.C.B. mounted with 2.0" X 2.0" (5 X 5 cm) copper pad areas.

Fig.3 Typical Reverse Characteristics

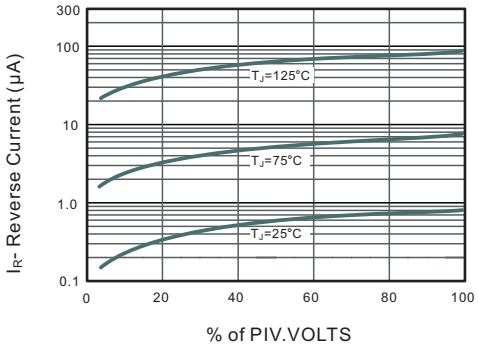
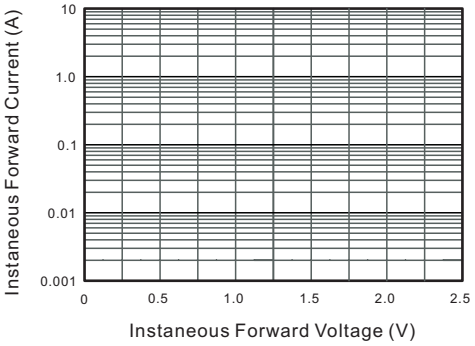


Fig.4 Typical Forward Characteristics



The information presented in this document is for reference only. GuangDong Youfeng Microelectronics