

6A Avg.

600 Volts

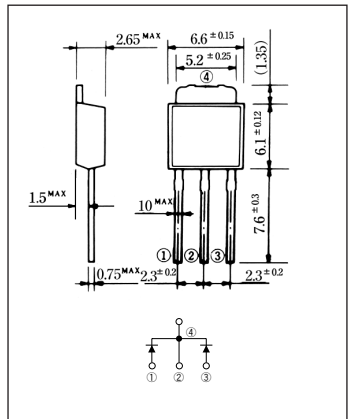
FRED

ECF06B60

最大定格 Maximum Ratings

Item	Symbol	Conditions	Unit
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	$V_{RRM}$	600	V
平均整流電流 Average Rectified Forward Current	$I_O$	$T_a=26^\circ\text{C}$	1.4 A
		$T_c=100^\circ\text{C}$	6 A
実効順電流 R.M.S. Forward Current	$I_F(\text{RMS})$	6.66	A
サージ順電流 Surge Forward Current	$I_{FSM}$	45 50Hz正弦全波, 1サイクル, 非くり返し 50Hz Full Sine Wave, 1cycle, Non-repetitive	A
動作接合温度範囲 Operating Junction Temperature Range	$T_{jw}$	-40 ~ +150	$^\circ\text{C}$
保存温度範囲 Storage Temperature Range	$T_{stg}$	-40 ~ +150	$^\circ\text{C}$

OUTLINE DRAWING(mm)



APPROX. NET WEIGHT:0.35g

電氣的・熱的特性 Electrical/Thermal Characteristics

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
ピーク逆電流 Peak Reverse Current	$I_{RM}$	$T_j=25^\circ\text{C}$ , $V_{RM}=V_{RRM}$ , 一素子あたり Per Diode	—	—	20	$\mu\text{A}$
ピーク順電圧 Peak Forward Voltage	$V_{FM}$	$T_j=25^\circ\text{C}$ , $I_{FM}=3\text{A}$ , 一素子あたり Per Diode	—	—	1.7	V
逆回復時間 Reverse Recovery Time	$t_{rr}$	$I_{FM}=3\text{A}$ , $-di/dt=50\text{A}/\mu\text{s}$ , $T_j=25^\circ\text{C}$	—	—	35	ns
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient	—	—	80	$^\circ\text{C}/\text{W}$
	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	5	$^\circ\text{C}/\text{W}$

\* Soldering Lands = 2 × 3.5 mm Both Sides

定格・特性曲線

