

6A Avg.

600 Volts

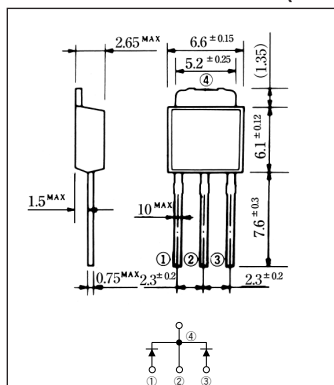
FRED

ECU06B60

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	50Hz、正弦全波通電抵抗負荷 50Hz Full Sine Wave Resistive Load	Tc=77℃ Tc: Case Temperature	6.0	A
			Ta=25℃ *	1.1	A
実 効 順 電 流 R.M.S. Forward Current	I _{F(RMS)}	6.66			A
サージ順電流 Surge Forward Current	I _{FSM}	35	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			℃
保存温度範囲 Storage Temperature Range	T _{stg}	-40～+150			℃

OUTLINE DRAWING(mm)



APPROX. NET WEIGHT:0.35 g

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}	$T_j = 25^{\circ}C, V_{RM} = V_{RRM}$	—	—	20	μA
ピーク順電圧 Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}C, I_{FM} = 3A$	—	2.2	2.7	V
逆回復時間 Reverse Recovery Time	t_{rr}	$I_{FM} = 3A, -di/dt = 50 A/\mu s, T_j = 25^{\circ}C$	—	17	27	ns
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient	—	—	80	°C/W
	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	5	°C/W

*Soldering Lands = 2 × 3.5 mm Both Sides

定格・特性曲線

