

5A Avg.

600 Volts

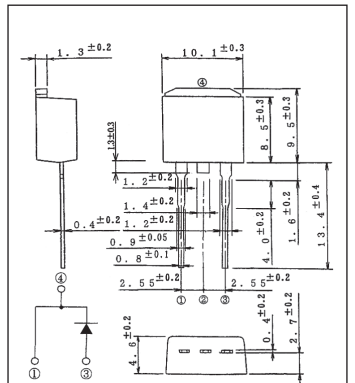
FRED

TSF05B60-11A

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、正弦半波通電抵抗負荷 50Hz Half Sine Wave Resistive Load	5 A
実効順電流 R.M.S. Forward Current	$I_F(RMS)$	7.85	A
サーージ順電流 Surge Forward Current	$I_{FSM}$	80 50Hz正弦半波、1サイクル、非くり返し 50Hz Half Sine Wave, 1cycle, Non-repetitive	A
動作接合温度範囲 Operating Junction Temperature Range	$T_{jw}$	-40~+150	°C
保存温度範囲 Storage Temperature Range	$T_{stg}$	-40~+150	°C

OUTLINE DRAWING(mm)



APPROX. NET WEIGHT:1.4g

電気的特性 ELECTRICAL CHARACTERISTICS

Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
ピーク逆電流 Peak Reverse Current	$I_{RM}$	$T_j=25^{\circ}C, V_{RM}=V_{RRM}$	—	—	30	$\mu A$
ピーク順電圧 Peak Forward Voltage	$V_{FM}$	$T_j=25^{\circ}C, I_{FM}=5A$	—	—	1.7	V
逆回復時間 Reverse Recovery Time	$t_{rr}$	$I_{FM}=5A, -di/dt=50 A/\mu s, T_j=25^{\circ}C$	—	—	40	ns
熱抵抗 Thermal Resistance	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	5	°C/W

定格・特性曲線

