

3A Avg.

600 Volts

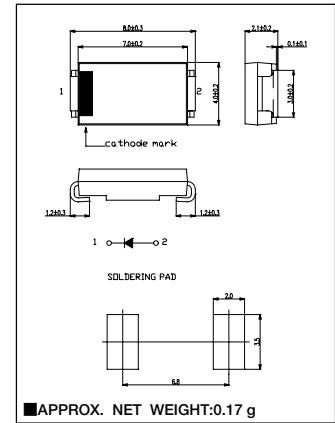
FRED

NSU03B60

■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	商用周波数, 正弦波180度通電 Half Sine Wave, Resistive Load Ta=25°C TI=58°C	0.76 3.0 A A
実効順電流 R.M.S. Forward Current	$I_{F(RMS)}$	4.71	A
サーージ順電流 Surge Forward Current	I_{FSM}	35 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:0.17 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	—	—	89	°C/W
	$R_{th(j-l)}$	接合部・リード間 Junction to Lead	—	—	13	°C/W

* Soldering Lands = 2 × 3.5 mm Both Sides

■定格・特性曲線

