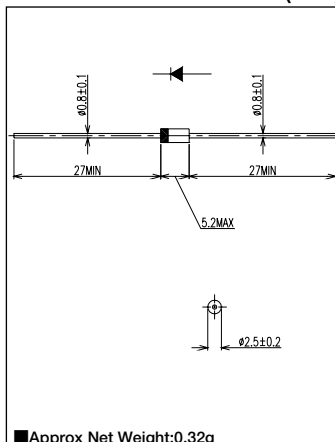


1A Avg. 600 Volts Standard Recovery Diode 10DDA60

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 Output Current	I_O	50Hz 正弦半波抵抗負荷 50Hz half sine wave Resistance load	1.0 A
		$T_a = 58^\circ\text{C}^{*1}$	1.0 A
実効順電流 R.M.S. Forward Current	$I_{F(RMS)}$	1.57	A
サージ順電流 Surge Forward Current	I_{FSM}	45 50Hz 正弦半波, 1 サイクル, 非くり返し 50Hz Half Sine Wave, 1 cycle, Non-repetitive	A
動作接合温度範囲 Operating Junction Temperature Range	T_{jw}	$-40 \sim +150$	$^\circ\text{C}$
保存温度範囲 Storage Temperature Range	T_{stg}	$-40 \sim +150$	$^\circ\text{C}$

OUTLINE DRAWING(mm)



Approx Net Weight: 0.32g

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}	$T_j = 25^\circ\text{C}, V_{RM} = V_{RRM}$	—	—	10	μA
ピーク順電圧 Peak Forward Voltage	V_{FM}	$T_j = 25^\circ\text{C}, I_{FM} = 1\text{A}$	—	—	1.0	V
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間*1 Junction to Ambient	—	—	91	$^\circ\text{C/W}$
	$R_{th(j-l)}$	接合部・リード間 Junction to Lead	—	—	17	$^\circ\text{C/W}$

*1: 単体フィン無し / Without Fin or P.C. Board mounted

定格・特性曲線

