

3A Avg.

200 Volts

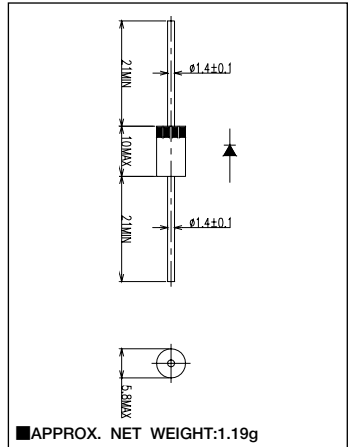
SBD

30PHA20

■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}	200	V
平均整流電流 Average Rectified Forward Current	I_O	$T_l=125^{\circ}C$ $T_l=$ Lead Temperature	3.0
		$T_a=36^{\circ}C$	1.4
実効順電流 R.M.S. Forward Current	$I_F(RMS)$	4.71	A
サージ順電流 Surge Forward Current	I_{FSM}	60 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	$^{\circ}C$
保存温度範囲 Storage Temperature Range	T_{stg}	-40~+150	$^{\circ}C$

■OUTLINE DRAWING(mm)



■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}	$T_j=25^{\circ}C, V_{RM}=V_{RRM}$	—	—	200	μA
ピーク順電圧 Peak Forward Voltage	V_{FM}	$T_j=25^{\circ}C, I_{FM}=3A$	—	—	0.90	V
熱抵抗 Thermal Resistance	$R_{th(j-l)}$	接合部・リード間 Junction to Lead	—	—	8	$^{\circ}C/W$
	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	80	$^{\circ}C/W$

* Print Lands =5×5mm, Both sides

■定格・特性曲線

