

3A Avg.

200 Volts

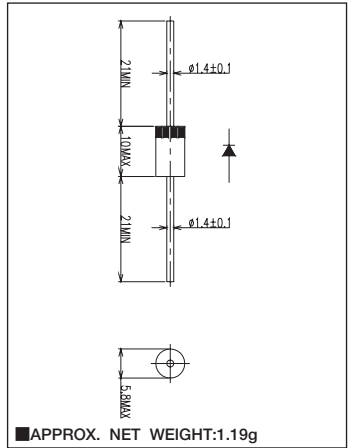
SBD

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	$I_O$	50Hz, 正弦半波通電抵抗負荷 50Hz Half Sine Wave Resistive Load	3.0 1.4	A A
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	°C
保存温度範囲 Storage Temperature Range	$T_{stg}$		-40~+150	°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	$\mu A$
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	°C/W
	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient	—	—	80	°C/W

\* Print Lands =5×5mm, Both sides

■定格・特性曲線

