

3A Avg.

60 Volts

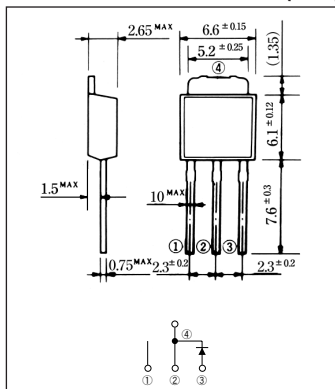
SBD

EA30QS06

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}	60			V	
非くり返しピーク逆電圧 Non-repetitive Peak Reverse Voltage	V _{RSM}	65			V	
平均整流電流 Average Rectified Forward Current	P.C.Board mounted*	I _O	50Hz、正弦半波通電抵抗負荷 50Hz Half Sine Wave Resistive Load	Ta=36℃	1.3	A
	—			Tc=123℃	3.0	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}	45	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			℃	
保存温度範囲 Storage Temperature Range	T _{stg}	-40～+150			℃	

OUTLINE DRAWING(mm)



APPROX. NET WEIGHT:0.35g

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}	$T_j = 25^{\circ}\text{C}$, $V_{RM} = V_{RRM}$	—	—	3	mA
ピーク順電圧 Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}\text{C}$, $I_{FM} = 3\text{A}$	—	—	0.58	V
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient	—	—	80	°C/W
	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	6	°C/W

* Print Land=20×20mm

定格・特性曲線

