

2A Avg.

60 Volts

SBD

EA20QC06  
EA20QC06-F

■最大定格 MAXIMUM RATINGS

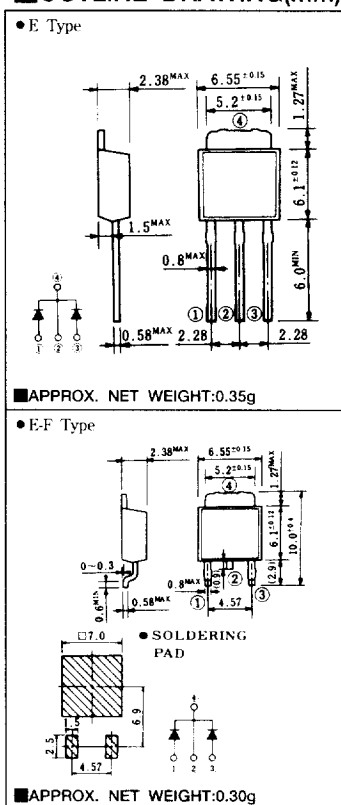
Rating	Type	EA20QC06 EA20QC06-F	Unit
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	$V_{RRM}$	60	V
非くり返しピーク逆電圧 Non-repetitive Peak Reverse Voltage	$V_{RSM}$	65	V
平均整流電流 Average Rectified Output Current	P.C.Board mounted *	1.4 (商用周波数、正弦波通電 $T_a=28^\circ\text{C}$ ) Full Sine Wave, Resistive Load	A
		2.0 (商用周波数、正弦波通電 $T_c=135^\circ\text{C}$ ) Full Sine Wave, Resistive Load	A
実効順電流 RMS Forward Current	$I_{F(RMS)}$	2.22	A
サージ順電流 Surge Forward Current	$I_{FSM}$	20 (50Hz正弦波1サイクル非くり返し) Full Sine Wave, 1cycle, Non-repetitive	A
動作接合温度範囲 Operating Junction Temperature Range	$T_{jw}$	-40~+150	$^\circ\text{C}$
保存温度範囲 Storage Temperature Range	$T_{stg}$	-40~+150	$^\circ\text{C}$

■電気的特性 ELECTRICAL CHARACTERISTICS

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
ピーク逆電流 Peak Reverse Current	$I_{RM}$	$V_{RM}=V_{RRM}$ $T_j=25^\circ\text{C}$ per diode	—	—	1	mA
ピーク順電圧 Peak Forward Voltage	$V_{FM}$	$I_{FM}=1\text{A}$ $T_j=25^\circ\text{C}$ per diode	—	—	0.58	V
熱抵抗 Thermal Resistance	接合部・周囲間 (Junction to Ambient)	P.C.Board mounted *	—	—	80	$^\circ\text{C}/\text{W}$
	接合部 ケース間 (Junction to Case)	—	—	—	6	$^\circ\text{C}/\text{W}$

\* Print Land = 20×20 mm

■OUTLINE DRAWING(mm)



■定格・特性曲線

FIG.1

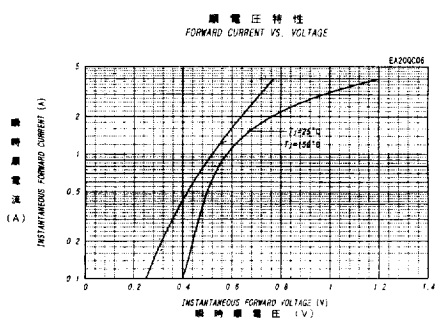


FIG.4

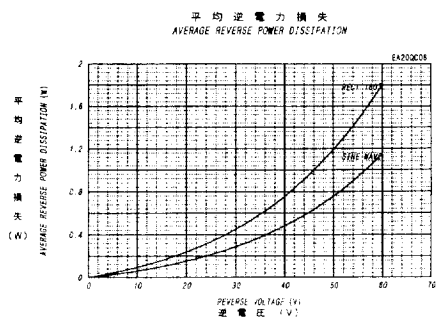


FIG.7

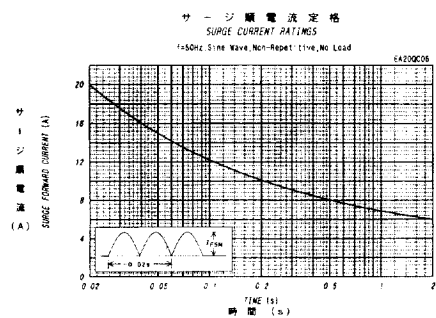


FIG.2

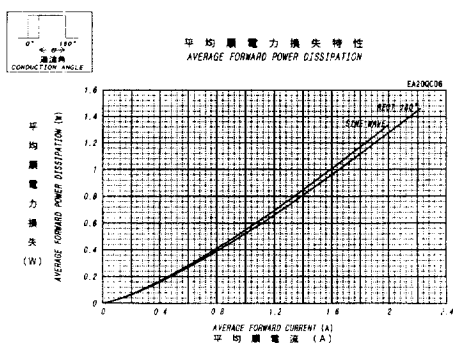


FIG.5

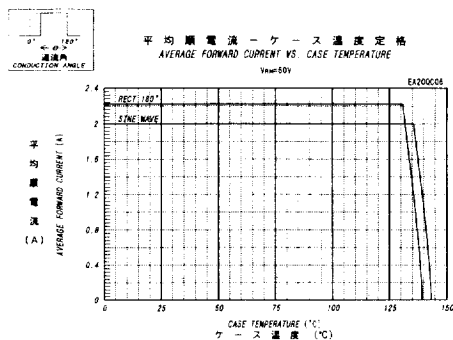


FIG.8

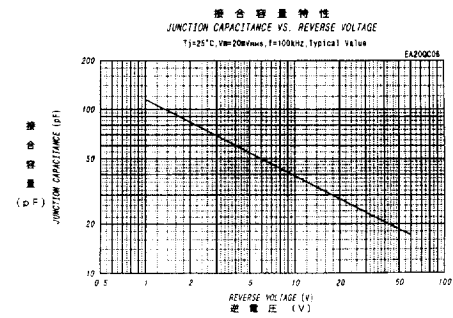


FIG.3

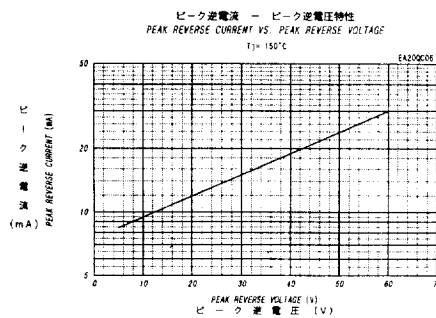


FIG.6

