

1A Avg.

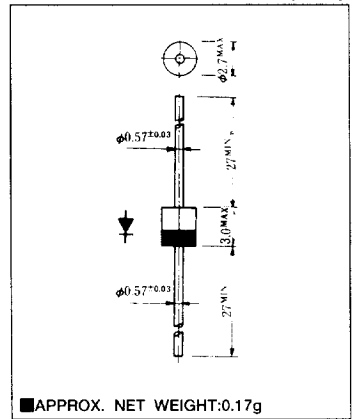
30 Volts

SBD

11EQS03L

Rating	Type Symbol	11EQS03L	Unit
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	$V_{RRM}$	30	V
平均整流電流 Average Rectified Output Current	Without Fin or P.C.Board I <sub>O</sub> P.C.Board mounted *	1.0 (商用周波数、正弦波180度通電Ta=36°C) Half Sine Wave, Resistive Load	A
		1.0 (商用周波数、正弦波180度通電Ta=55°C) Half Sine Wave, Resistive Load	A
実効順電流 RMS Forward Current	I <sub>F(RMS)</sub>	1.57	A
サージ順電流 Surge Forward Current	I <sub>FSM</sub>	40 (50Hz単相正弦波1サイクル非くり返し) Half Sine Wave, 1cycle, Non-repetitive	A
動作接合温度範囲 Operating Junction Temperature Range	T <sub>jw</sub>	-40~+150	°C
保存温度範囲 Storage Temperature Range	T <sub>stg</sub>	-40~+150	°C

OUTLINE DRAWING(mm)



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 <sub>RM</sub>	V <sub>RM</sub> =V <sub>RRM</sub> T <sub>j</sub> =25°C	—	—	1	mA
ピーク順電圧 Peak Forward Voltage	V <sub>FM</sub>	I <sub>FM</sub> =1A T <sub>j</sub> =25°C	—	—	0.45	V
熱抵抗(接合部-周囲間) Thermal Resistance(Junction to Ambient)	R <sub>th(j-a)</sub>	Without Fin or P.C.Board	—	—	140	°C/W
		P.C.Board mounted *	—	—	110	°C/W

\* Print Lands = 5×5 mm, Both Sides

定格・特性曲線

FIG.1

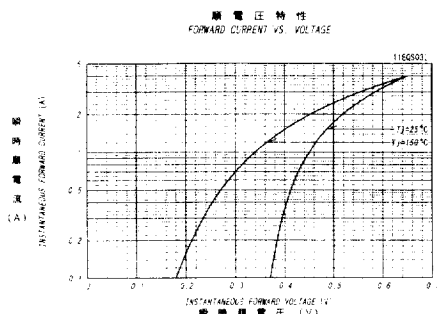


FIG.4

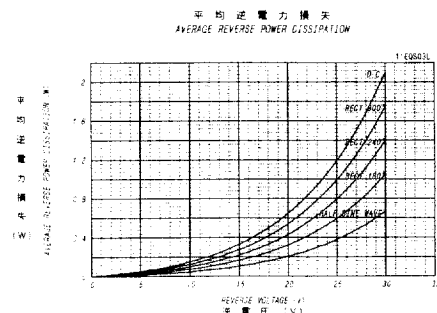


FIG.7

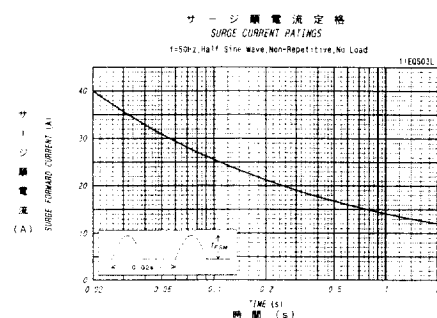


FIG.2

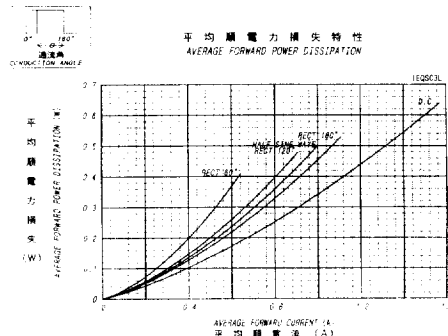


FIG.5

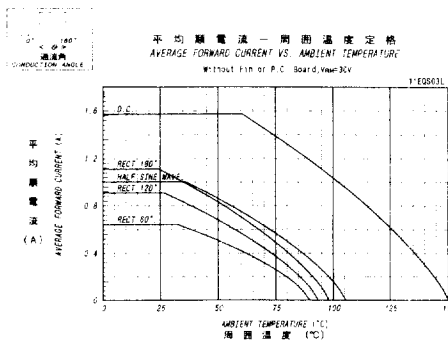


FIG.8

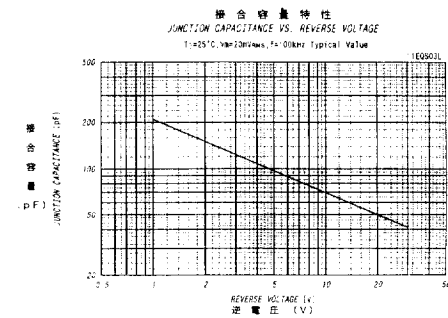


FIG.3

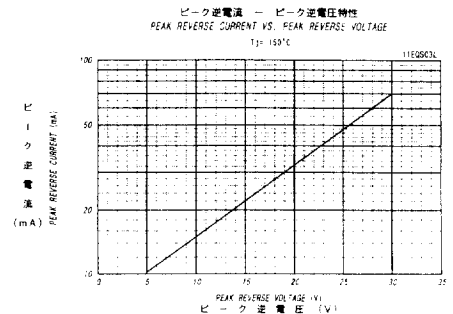


FIG.6

