

6A Avg.

45 Volts

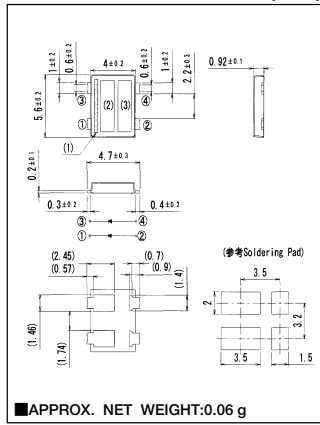
SBD

NB06QSA045

■最大定格 Maximum Ratings

Item	Symbol	Conditions	Unit
くり返しピーク逆電圧 Repetitive Peak Reverse Voltage	$V_{RRM}$	45	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 *1	$T_a=27^{\circ}C^{*2}$ $V_{RM}=20V$ 3.4 A
			$T_l=81^{\circ}C$ Tlead Temperature $V_{RM}=20V$ 6.0 A
実効順電流 R.M.S. Forward Current	$I_{F(RMS)}$	6.66	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, cycle, 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)



■APPROX. NET WEIGHT:0.06 g

■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	$I_{RM}$	$T_j=25^{\circ}C$ , $V_{RM}=45V$ , 一素子あたり Per Diode	—	—	200	$\mu A$
ピーク順電圧 Peak Forward Voltage	$V_{FM}$	$T_j=25^{\circ}C$ , $I_{FM}=3A$ , 一素子あたり Per Diode	—	—	0.55	V
熱抵抗 Thermal Resistance	$R_{th(j-a)}$	接合部・周囲間 Junction to Ambient *2 ガラエポ基板実装	—	—	60	$^{\circ}C/W$
	$R_{th(j-l)}$	接合部・リード間 Junction to Lead	—	—	7	$^{\circ}C/W$

\*1 カソード共通動作による/Common Cathode Operation

\*2 ガラエポ基板実装/Glass-Epoxy Substrate mounted (Soldering Lands= 2.0 × 1.5 mm, 2.0 × 3.5 mm , Both Sides)

■定格・特性曲線

