

30A Avg.

200 Volts

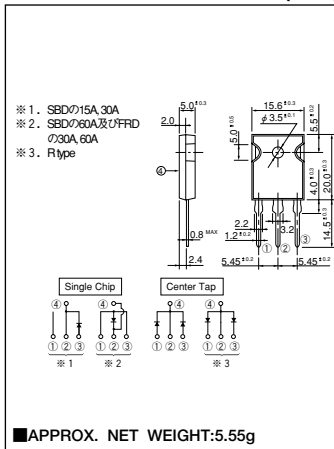
SBD

KCH30A20

■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、正弦全波通電抵抗負荷 50Hz Full Sine Wave Resistive Load	$T_c=106^{\circ}C$	30	A
実効順電流 R.M.S. Forward Current	$I_F(RMS)$			33.3	A
サージ順電流 Surge Forward Current	I_{FSM}	150	50Hz正弦全波、1サイクル、非くり返し 50Hz Full Sine Wave, 1cycle, 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	$^{\circ}C$
締付トルク Mounting torque	F_{tor}	推奨値 Recommended Value		0.5	N·m

■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}	$T_j=25^{\circ}C, V_{RM}=V_{RRM}$, 一素子あたり Per Diode	—	—	300	μA
ピーク順電圧 Peak Forward Voltage	V_{FM}	$T_j=25^{\circ}C, I_{FM}=15A$, 一素子あたり Per Diode	—	—	0.92	V
熱抵抗 Thermal Resistance	$R_{th(j-c)}$	接合部・ケース間 Junction to Case	—	—	1.3	$^{\circ}C/W$

■定格・特性曲線

