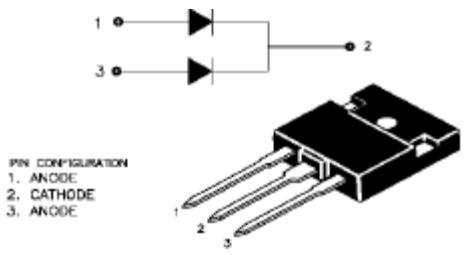
ISOLATION SCHOTTKY BARRIER RECTIFIERS

SB4020PT - SB4060PT

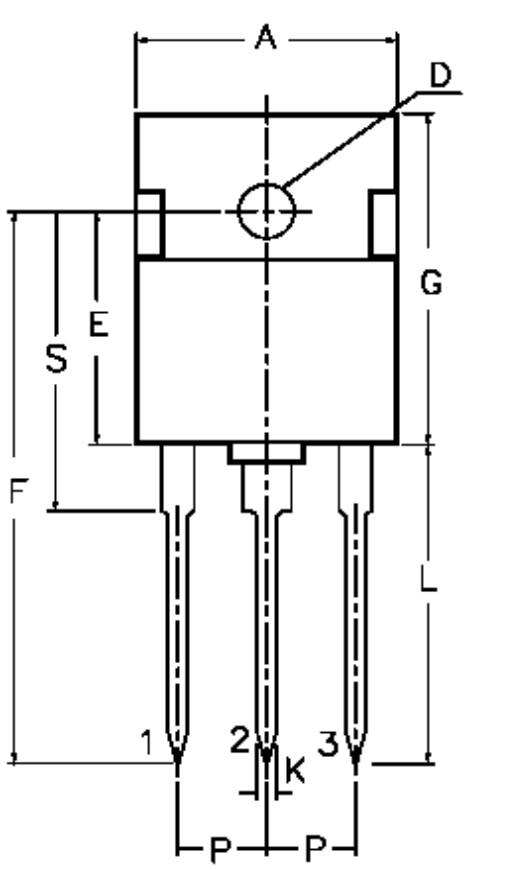
TO- 3P Fully Isolated Plastic Package



Absolute Maximum Ratings (Ratings at T_A = 25°C unless specified otherwise, single phase, half wave, 60Hz resistive or inductive load. For capacitive load, derate by 20%.)

DESCRIPTION	SYMBOL	SB4020PT	SB4030PT	SB4035PT	SB4040PT	SB4045PT	SB4050PT	SB4060PT	UNIT
Repetitive Peak Reverse Voltage	V_{RRM}	20	30	35	40	45	50	60	V
RMS Voltage	V_{RMS}	14	21	24.5	28	31.5	35	42	V
DC Blocking Voltage	V_{DC}	20	30	35	40	45	50	60	V
Average Forward Current "0.375" (9.5mm) Lead Length @ T_c=100ºC	$I_{(AV)}$	40							A
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Superimposed on Rated Load	I_{FSM}	350							A
Forward Voltage @ 20A	V_F	0.55					0.7		V
Dc Reverse Current @ T_a=25ºC	I_R	1.0							mA
Rated DC Blocking Voltage @ T_a=100ºC		100							mA
Thermal Resistance Junction to Case	$R_{th\ (j-c)}$	1.5							ºC/W
Operating Junction and Storage Temperature Range	T_j, T_{stg}	- 50 to +150							ºC

TO–3P (TO–218) FULLY ISOLATED PACKAGE



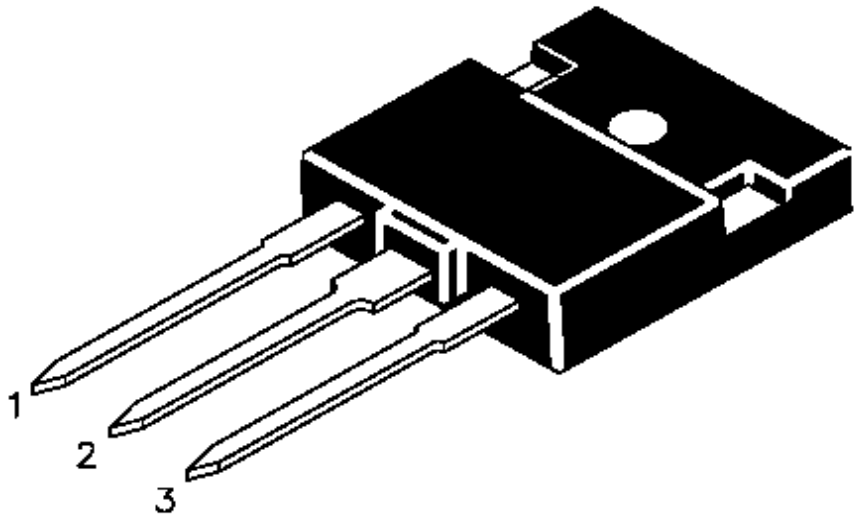
DIM	MIN.	MAX.
A	15.8	16.4
B	5.2	5.7
C	3.8	4.2
D	ø3.3	ø3.6
E	14.50	15.10
F	33.25	36.75
G	20.75	21.25
H	11.50	12.25
K	1.0	1.30
L	18.75	21.65
M	0.40	0.60
N	3.15	3.45
P	5.21	5.72
S	18.75	19.25

ALL DIMENSIONS ARE IN MM

PIN CONFIGURATION

1. ANODE
2. CATHODE
3. ANODE

TO BE MOUNTED WITH SILICONE GREASE ON THE BACK SIDE, ENSURING BACK SIDE HOLES FILLED.



PACKING :– 30 Pcs / TUBE

Disclaimer

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