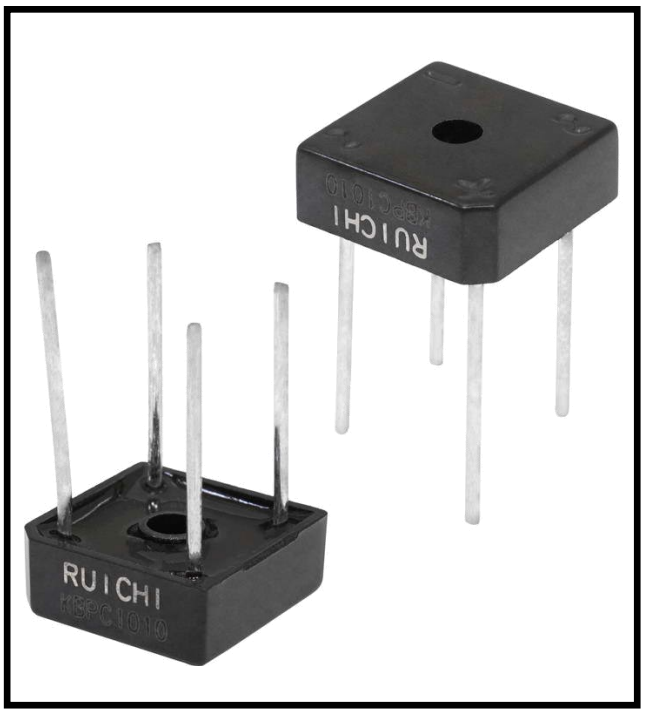
KBPC806-KBPC810

Однофазный диодный мост



IF(AV)	8 A
VRRM	50-1000 V
IFSM	125 A
I^2t	10 A^2*s

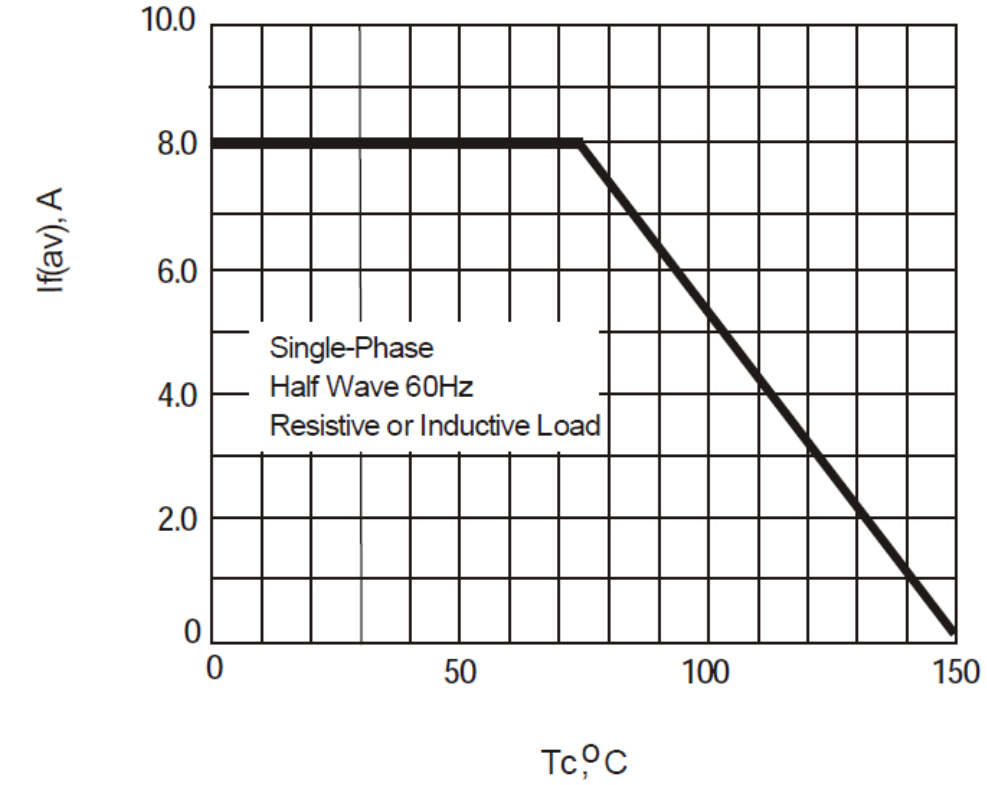
- Низкий ток утечки
- Компактный корпус
- Контакты под пайку

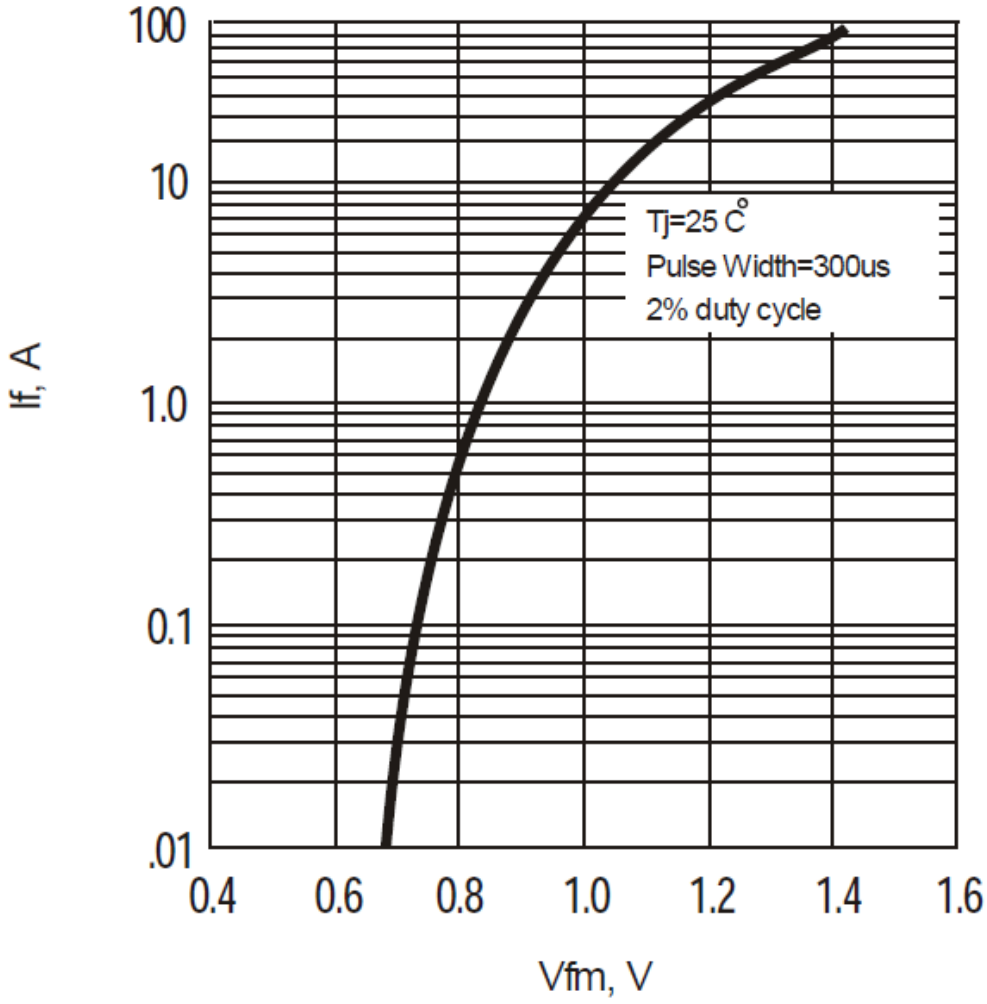
Основные применения

- Выпрямители
- Преобразователи частоты
- Источники питаная
- Сварочное оборудование

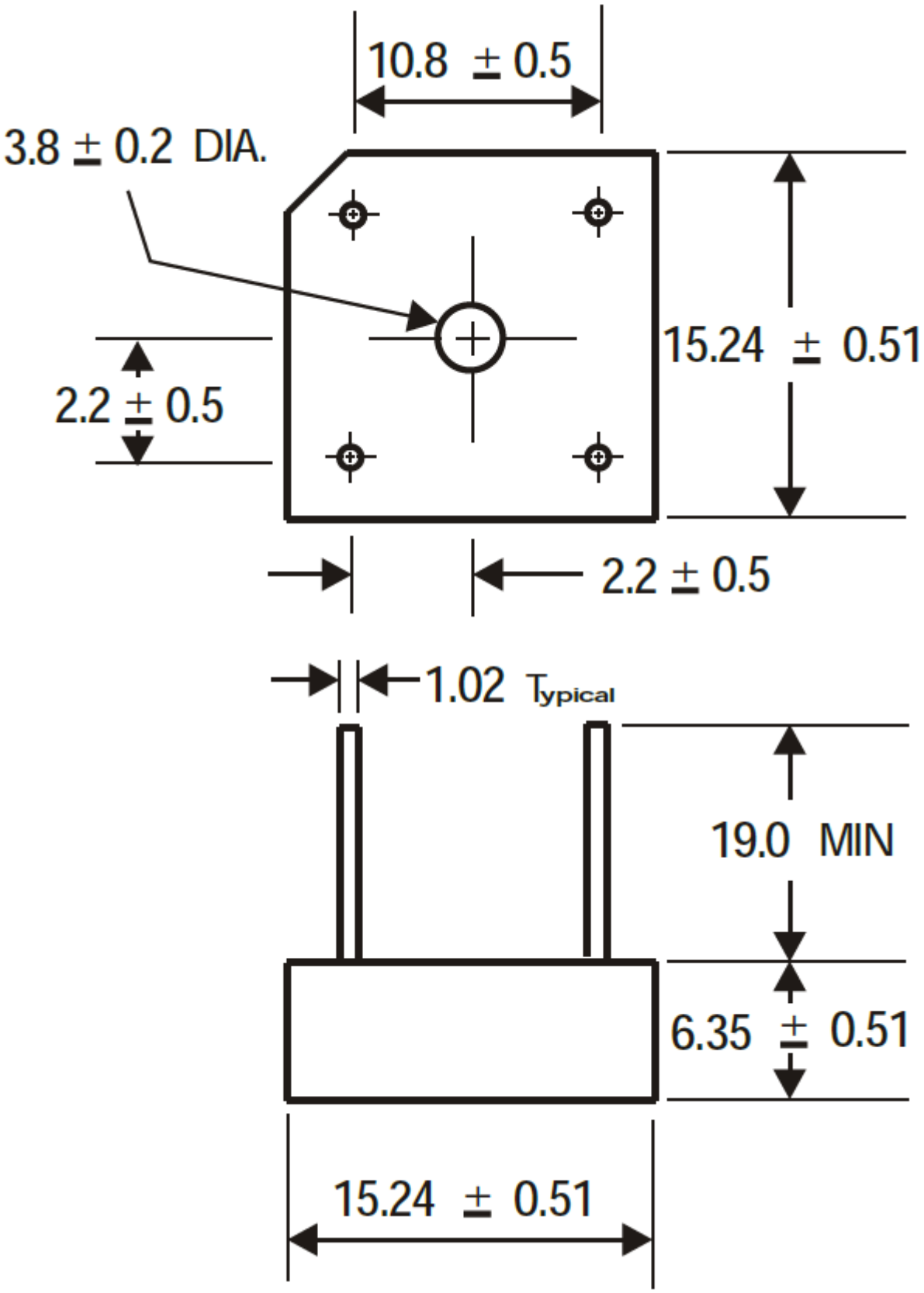
Максимальные значения параметров

Parameter	Description	Conditions	KBPC806	KBPC808	KBPC810
$I_{F(AV)}$	Average forward current	T_a = 25°C, resistive load	8 A	8 A	8 A
V_{RRM}	Repetitive reverse voltage		600 V	800 V	1000 V
I_{RRM}	Repetitive reverse current	T_a = 25°C	10 µA		
I_{FSM}	Forward surge current		125 A		
I^2t	I^2t value		10 A^2 sec		
V_{FM}	Forward voltage	I_{FM} = 3 A, T_J = 25°C	1.1 V		
Cj	Junction capacitance	1 MHz, Vrr = 4 VDC	55 pF		
T_{stor}	Storage temperature		-55 °C		+150 °C
W	Weight		Approximately 3.9 g		


10.0
8.0
6.0
4.0
2.0
0
If(av), A
Single-Phase
Half Wave 60Hz
Resistive or Inductive Load
0
50
100
150
Tc,°C


100
10
1.0
0.1
.01
If, A
Tj=25 C°
Pulse Width=300us
2% duty cycle
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Vfm, V

Чертеж


10.8 ± 0.5
3.8 ± 0.2 DIA.
15.24 ± 0.51
2.2 ± 0.5
2.2 ± 0.5
1.02 Typical
19.0 MIN
6.35 ± 0.51
15.24 ± 0.51