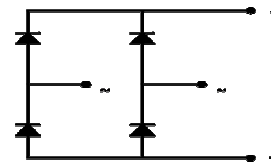
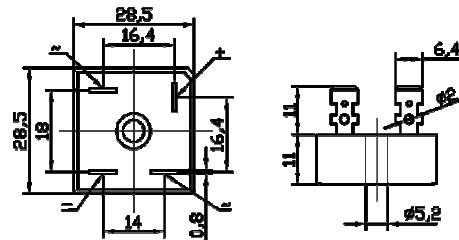


## DIODE MODULE ( SINGLE PHASE BRIDGE TYPE )

The optimum solution - ► KBPC5010 from SEKWANG



Diode Module for single-phase  
 Four diode chips connected in single phase bridge configuration  
 Output DC current : 50A  
 Repetitive Peak Reverse Voltage : 1,000V  
 Isolated Epoxy Mounting with Metal Case(Zn + Al )



### Main Application

Various Rectifiers, AC, DC Motor Drives for Single Phase  
 Welding Machine for Single Phase

### @ Maximum Ratings

Symbol	Item Description	Conditions & Ratings		Unit
VRRM	Repetitive Peak Reverse Voltage	1000		V
VRSM	Non-Repetitive Peak Reverse Voltage	700		V
IFSM	Surge Forward Current	1cycle, 50/60Hz, peak value, non-repetitive	600	A
Tj	Operating Junction Temperature	-50 to + 150		°C
Tstg	Storage Temperature	-50 to + 150		°C
Viso	Isolation Breakdown Voltage(R.M.S)	A.C. 1minute	2000	V

### @ Electrical Characteristics

Symbol	Item Description	Conditions	Rating (Max.)	Unit
IRRM	Repetitive Peak Reverse Current	Tj=125°C at VRRM	3	mA
VFM	Forward Voltage Drop	Tj=25°C, IFM=100A, Inst. measurement	1.1	V