

MT-W Series Three Phase Bridge Rectifier

Product Introduction

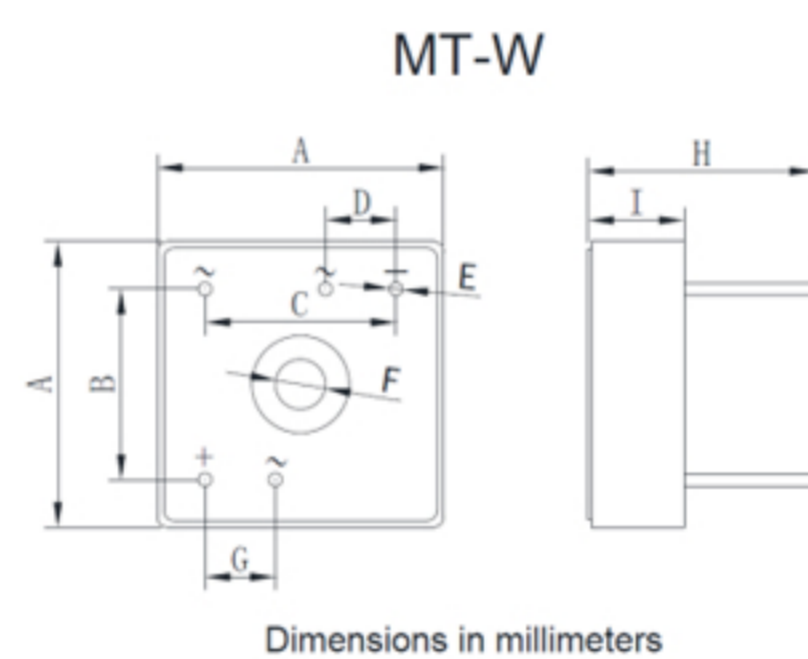
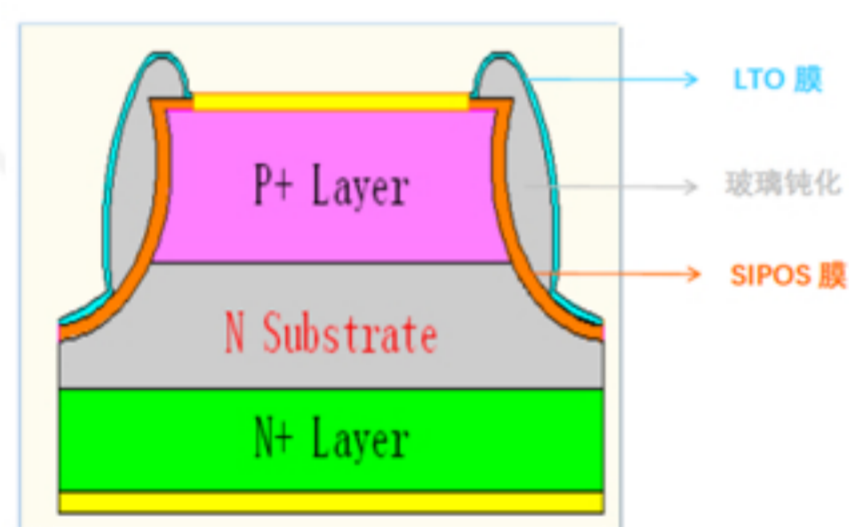
MT-W series of three-phase rectifier bridge products have the advantages of high output voltage and small ripple, high power factor and fast dynamic response, which is an excellent choice for household appliances, industrial power supplies, industrial automation equipment, welding machines and other applications.

Product Features

1、MT-W three-phase bridge package is similar to our MT three-phase bridge package, with 5 external pins, the pins are changed from terminals to leads, and 6 built-in chips. The current range includes 35A and 50A, and the voltage covers 600V-1600V. It has the characteristics of forward voltage reduction, small reverse leakage current, and strong surge ability.



2、Yangjie adopts the deep IDM model and has its own wafer design and manufacturing facility. We have internally packaged Photo Glass process chips, with three layers of passivation protection, and stable high temperature characteristics and reliability capabilities.



MT-W		
Dim	Min	Max
A	28.0	29.0
B	18.5	19.5
C	18.5	19.5
D	6.5	7.5
E	1.1	1.5
F	4.5	5.5
G	6.5	7.5
H	22.0	24.0
I	9.2	10.2

Electrical parameters

Product Name	V_{RRM} (V)	I_o (A)	I_{FSM} (A)	Rated I_o (A)	V_F (V)	I_R (uA)@25°C	I_R (uA)@125°C	T_j (°C)
MT3506W-MT3516W	600-1600	35	450	17.5	1.1	5	500	-55~+150
MT5006W-MT5016W	600-1600	50	500	25.0	1.15	5	500	-55~+150

Please Refer To The Official Website For More Details

Application



Industrial Power Supply



Inverter



High power cabinet air conditioner for buildings and households