DFN1006-2L
DFN1006-2L Plastic Package Schottky Barrier Rectifiers.

Ultra small package, Low positive pressure drop, can ignore the reverse recovery time,HF Product.

General purpose.





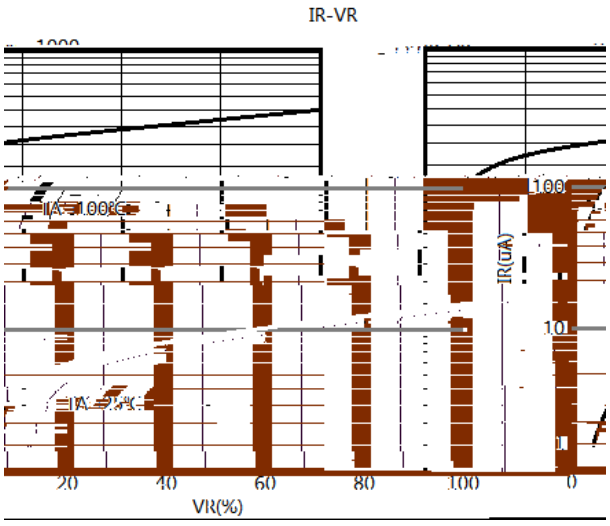
/ Absolute Maximum Ratings(Ta=25)

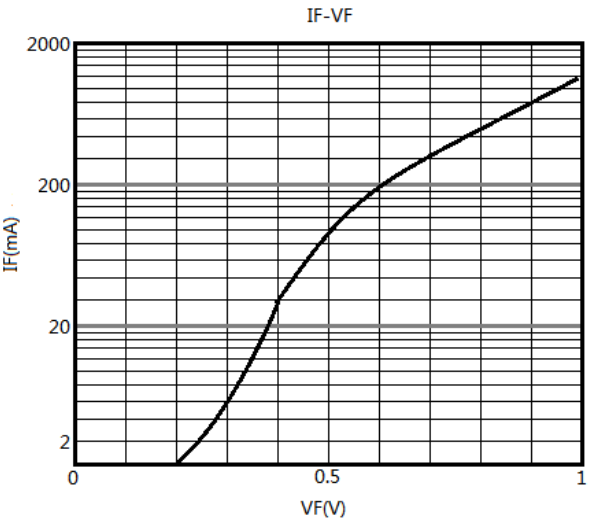
Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	V
Maximum RMS voltage	V_{RMS}	28	V
Maximum DC Blocking Voltage	V_{DC}	40	V
Maximum Average Forward Rectified Current Tc=100	$I_{F\ AV}$	1	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	5	A
Operating and Storage Temperature Range	T_j,T_{stg}	-55~+125	

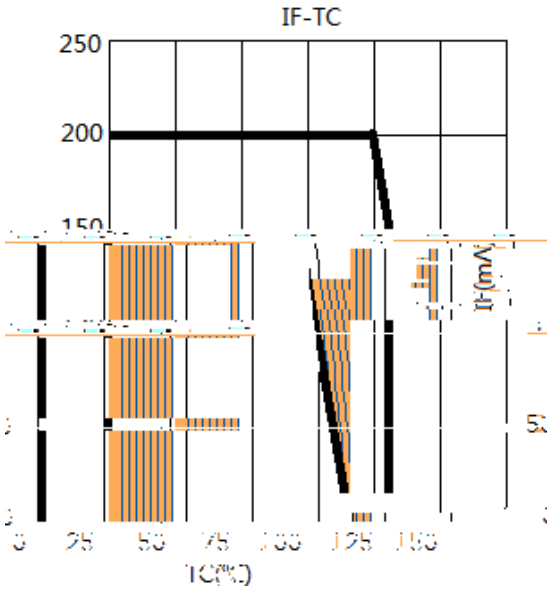
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Maximum Instantaneous Forward Voltage	V_F	I_F=1A			0.61	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	T_a=25			20	uA
		T_a=100			500	uA

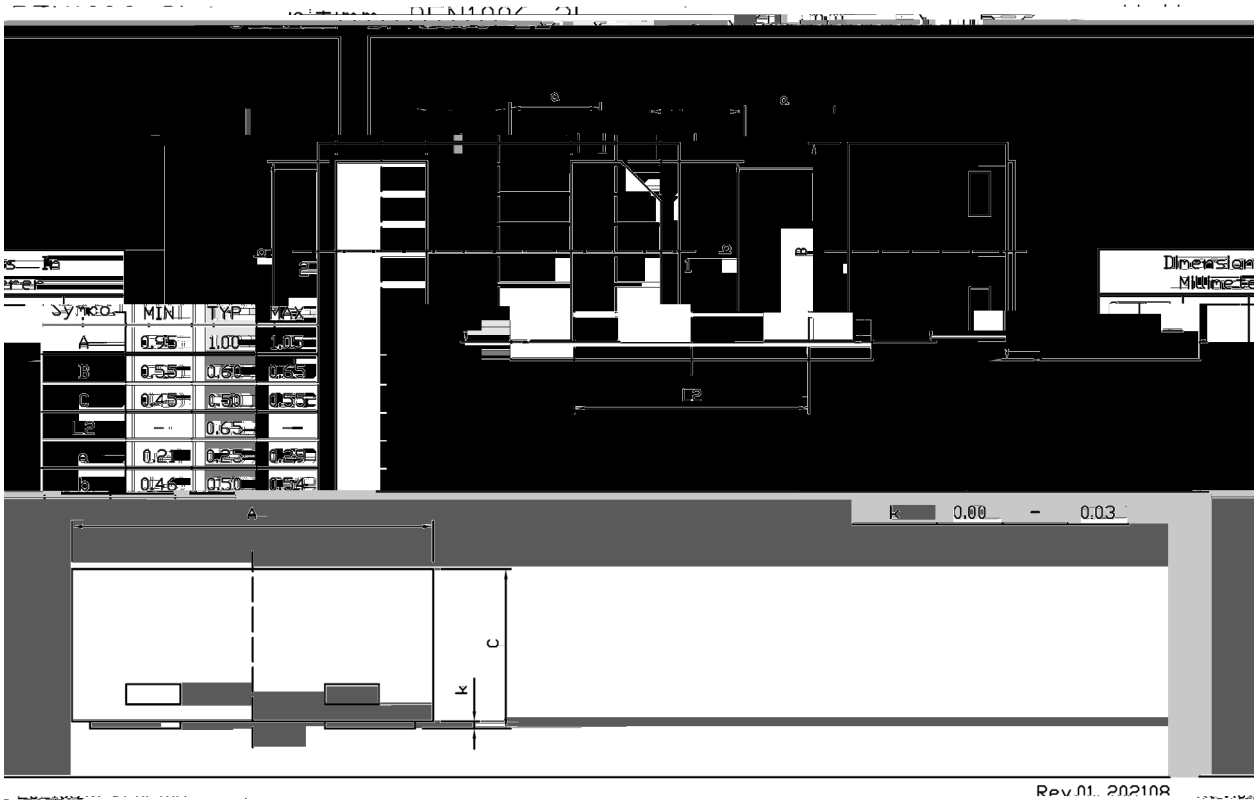
/ Electrical Characteristic Curve







/ Package Dimensions



/ Marking Instructions



H
AA

Note

H:	Company Code
AA	Product Type

MBR140TZP

Rev.B Jul.-2023