

DBF3005~DBF310

Rev.A Nov.-2023

/ Descriptions

3.0A DBF
3.0A Surface Mount Glass Passivated Bridge Rectifier, DBF thin package.

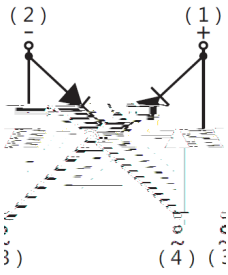
/ Features

50V ~ 1000V 3.0A
Glass passivated chip, High Surge Current Capability, Reverse Voltage :50 to 1000V, Forward Current: 3.0A, Designed for Surface Mount Application, HF product.

/ Applications

General purpose.

/ Equivalent Circuit



/ Pinning



/ Marking

See Marking Instructions.

DBF3005~DBF310

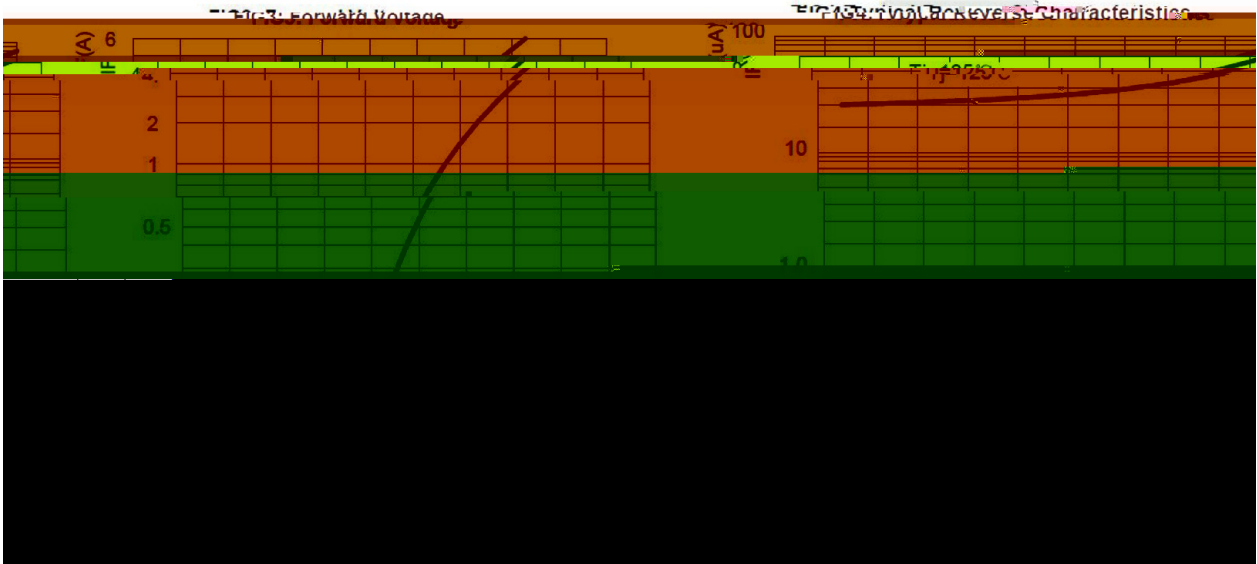
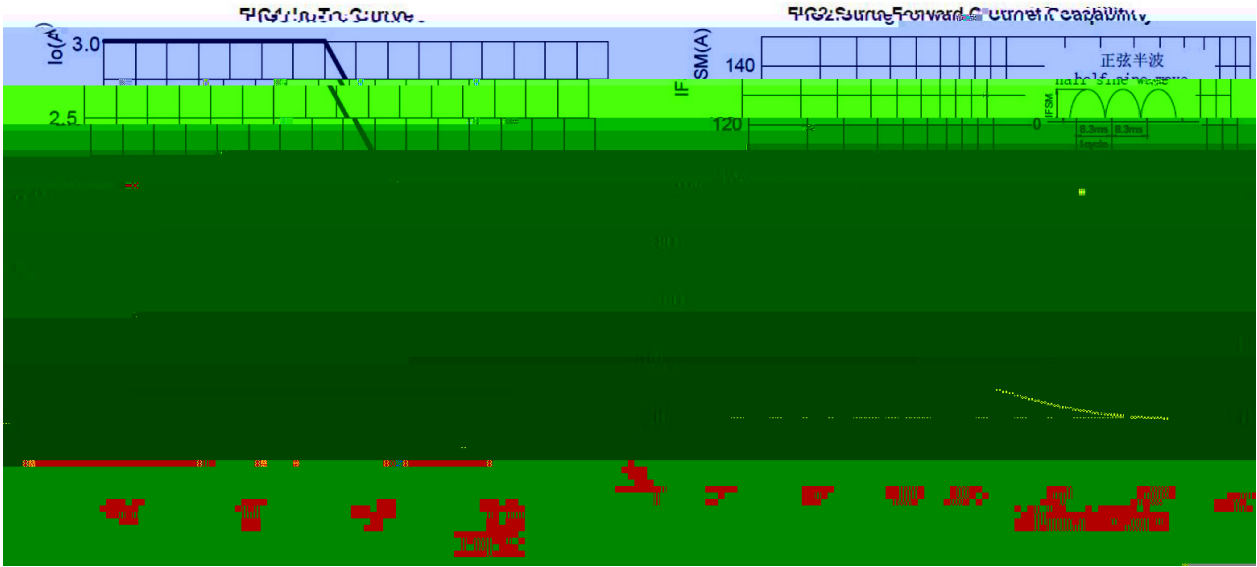
Rev.A Nov.-2023



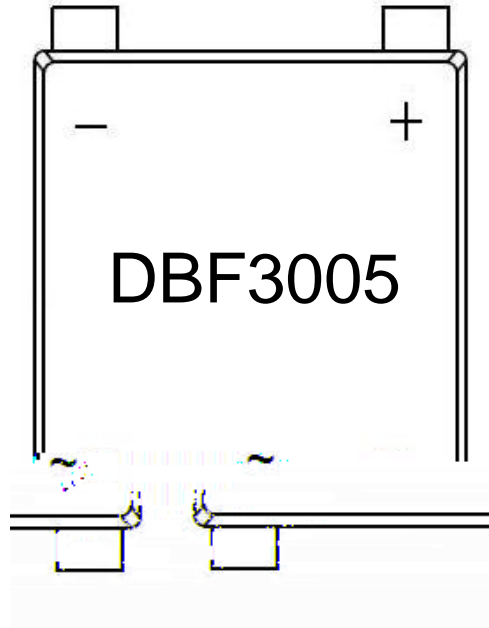
DATA SHEET

Parameter	Symbol	Rating							Unit
		DBF3005	DBF301	DBF302	DBF304	DBF306	DBF308	DBF310	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	$V_{R(RMS)}$	35	70	140	280	420	560	720	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V

/ Electrical Characteristic Curve



/ Marking Instructions



DBF3005

Note:

DBF3005 Product Type

Marking

Type number	Marking code
DBF3005	DBF3005
DBF301	DBF301
DBF302	DBF302
DBF304	DBF304
DBF306	DBF306
DBF308	DBF308
DBF310	DBF310

DBF3005~DBF310

Rev.A Nov.-2023



DATA SHEET

() /

Note:

1 150 180 60