/ Descriptions

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

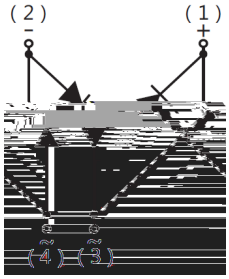
/ Features

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.

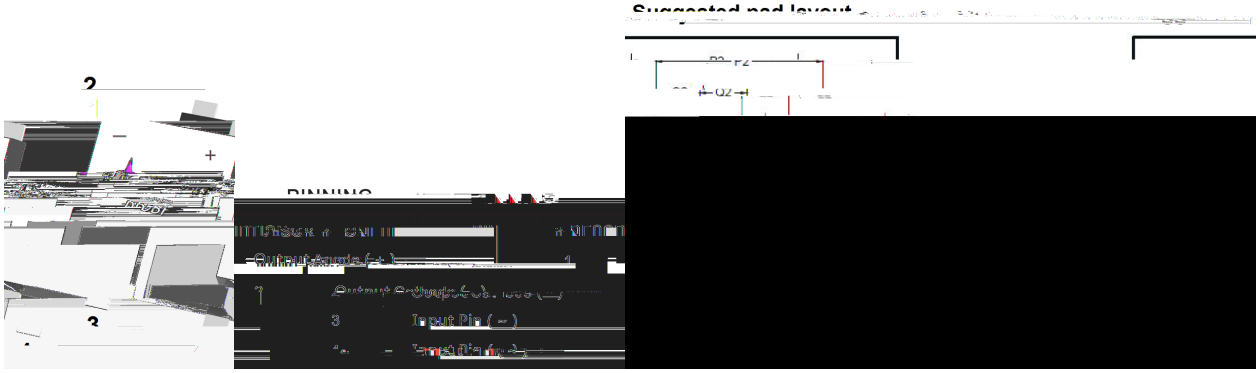
/ Applications

General purpose.

/ Equivalent Circuit



/ Pinning

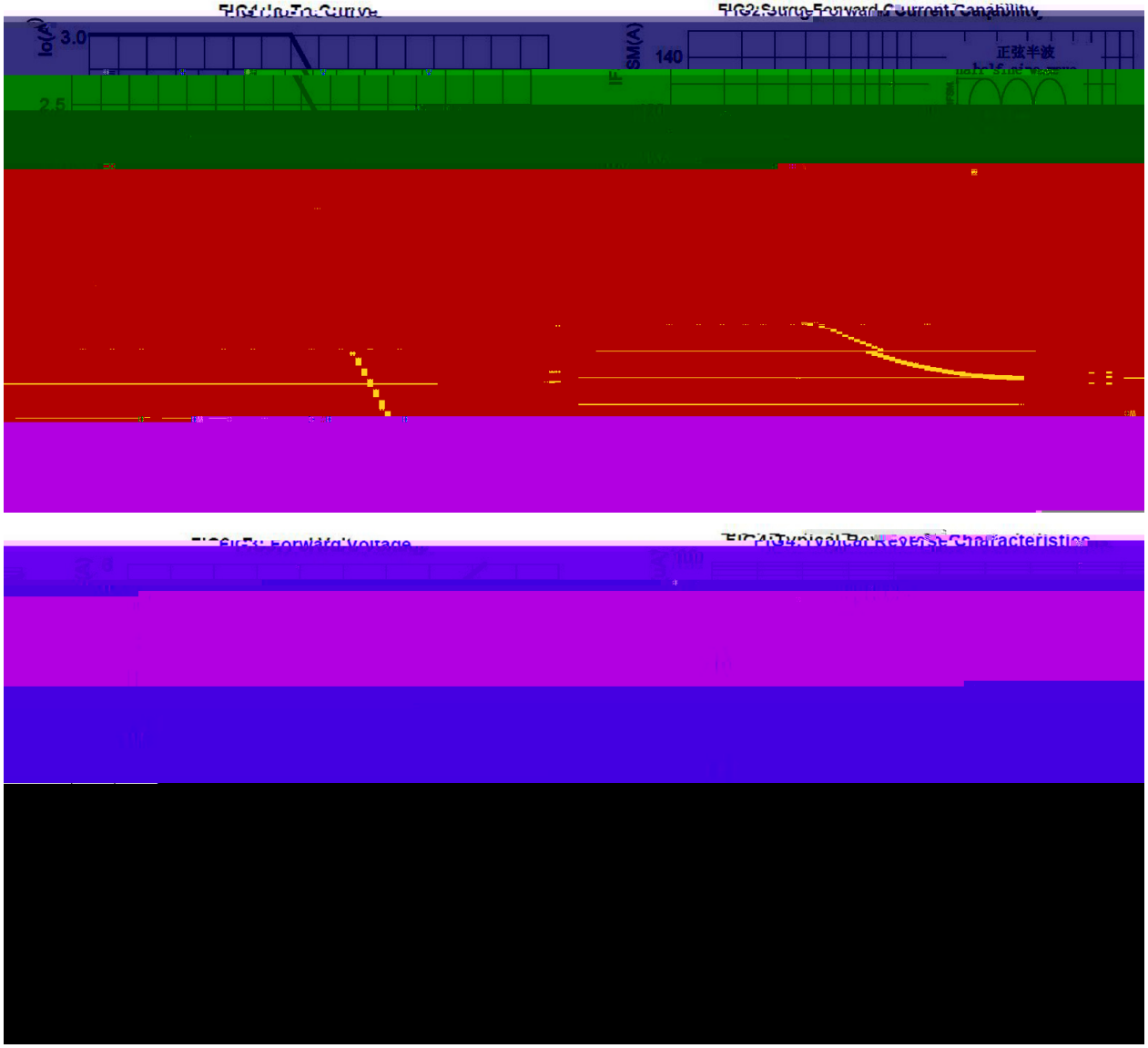


/ Marking

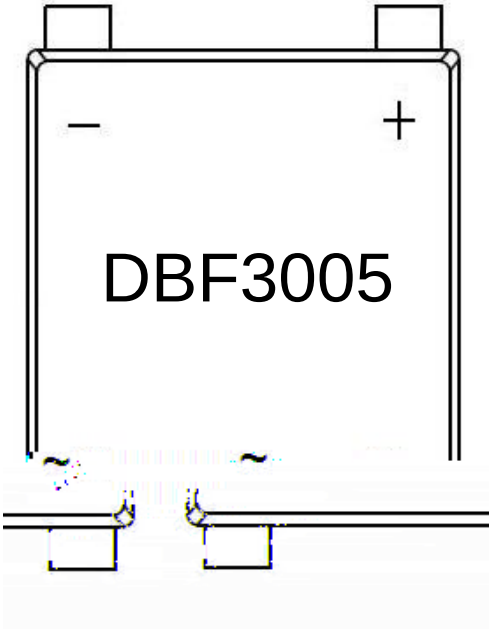
See Marking Instructions.

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

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

1 150 180 60