

TRANSISTOR IGBT DIODE

$\Delta V_{CE}/\Delta V_F$ TEST SYSTEM 大電力熱抵抗テストシステム

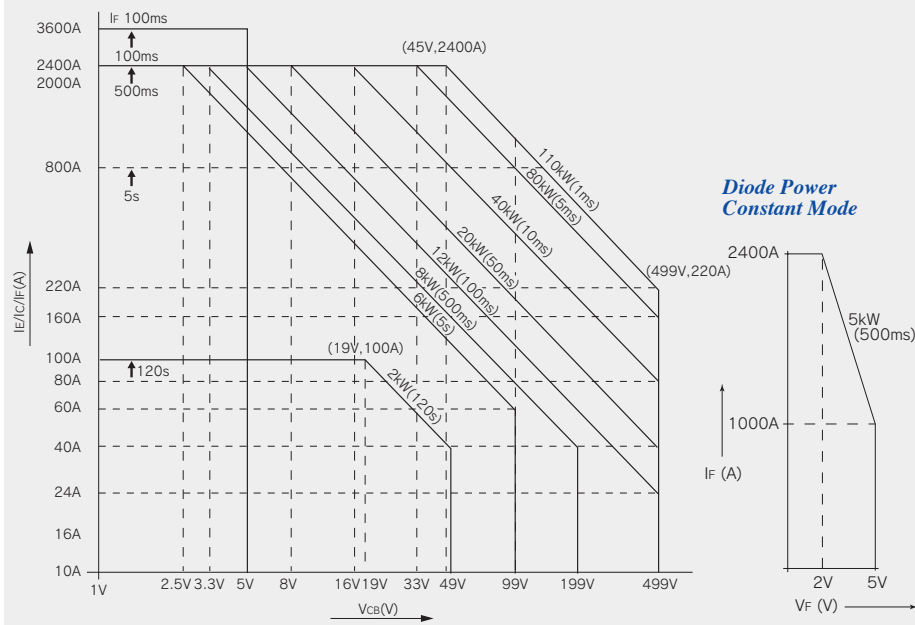
DVF540ZZGC 500V 3600A



●DVF540ZZGC is high power thermal resistance test system that maximum forcing current is 3600A. This overwhelming power area is appropriate for thermal judgement of power semiconductor such as power modules.

●DVF540ZZGCは最大印加電流3600Aを持つ、大電力熱抵抗テストターです。この圧倒的なパワーエリアはパワーモジュールなどの電力用半導体の熱評価に最適です。

Forcing Power Range Diagram



MODEL	DVF540ZZGC	
MEASUREMENT RANGE		
VBE1/VCE1/VF1	0000mV~9999mV	
$\Delta V_{BE}/\Delta V_{CE}/\Delta V_F$	0000mV~1999mV	
SETTING RANGE		
MEASURABLE DEVICES	NPN, N-IGBT, N-DIODE	
VCB/VCE	1V~499V $\pm(0.2\%+0.1V)$	
IE/IF	00.1A~3600A	0.01A~0.99A 1.00A~99.9A 100A~999A 1000A~3600A
DIODE POWER CONSTANT	0000W~5000W	
IM	001mA~1999mA	001mA~999mA 1000mA~1999mA
GATE LIMIT VOLTAGE	01.0V~19.9V	
POWER FORCING TIME(PT)	100 μ s~120s	
DELAY TIME(DT)	10 μ s~9.99ms	
LOWER GATE(LG)/UPPER GATE(UG)	0000mV~1999mV	
BINNING AND INTERFACE		
OPEN/SHORT CHECK	VF1 > 4V...OPEN VF1 < 0.1V...SHORT	
BIN INDICATION	PASS, LOW, HIGH, AVAL, REJECT	
EXTERNAL I/F	Handler-I/F STANDARD	
EXT CONTROL I/F	IEEE-488 I/F STANDARD(GP-IB)	
DIMENSIONS & WEIGHT	550(W)×1060(D)×1700(H) (×7sets)…3,500kg	