

# GE-SPCO

Static Power Component Operation  
Malvern, PA USA

3874584 0000074 9

## 6RT411\*

T-25-21

### 77mm GTO PRESSPAK

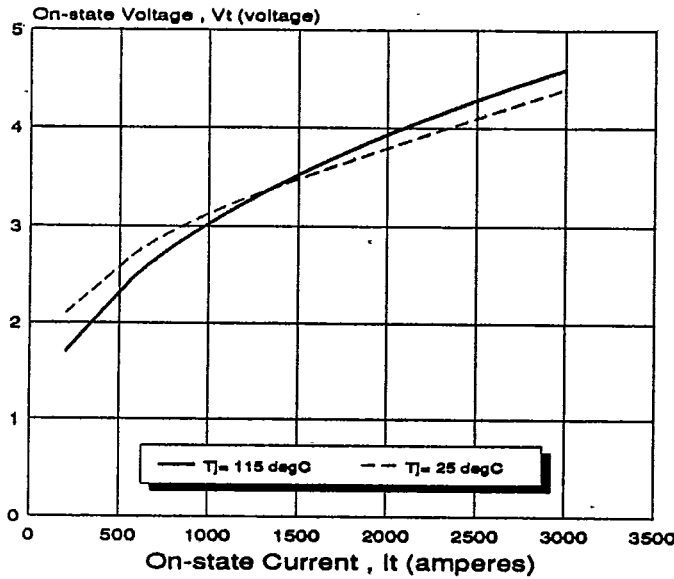
### 4500V / 2500A

GE CO., STATIC PWR CMPNT 26E D

\* made in USA

The GE type 6RT411 reverse blocking gate turn-off thyristor, GTO, is manufactured by the proven multi-diffusion process and incorporates a unique emitter design (patent applied for) which offers distinct advantages for improving the gate turn-off conditions. It is supplied in an industry accepted disc-type package, ready for mounting to a heat dissipator using commercially available hardware.

#### ON-STATE CHARACTERISTIC



#### REPETITIVE PEAK REVERSE AND OFF-STATE BLOCKING VOLTAGE

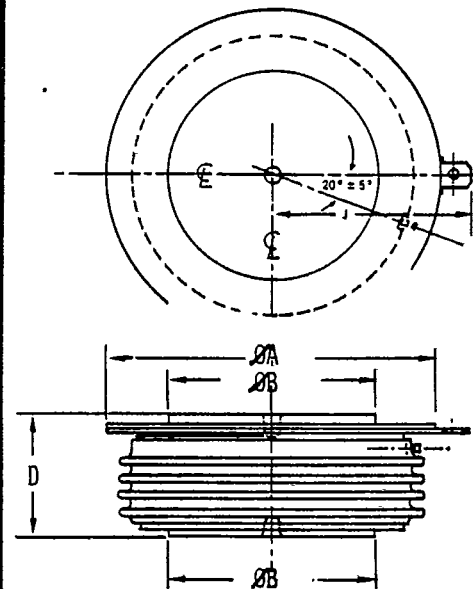
$T_J = 0 \text{ to } 115^\circ\text{C}$

MODEL	$V_{DRM}$ (volts)	$V_{RRM}$
6RT411HK	4500	4500
6RT411HH	4400	4400
6RT411HF	4300	4300
6RT411HD	4200	4200
6RT411HB	4100	4100
6RT411FT	4000	4000

#### CONTROLLABLE CURRENTS (instantaneous)

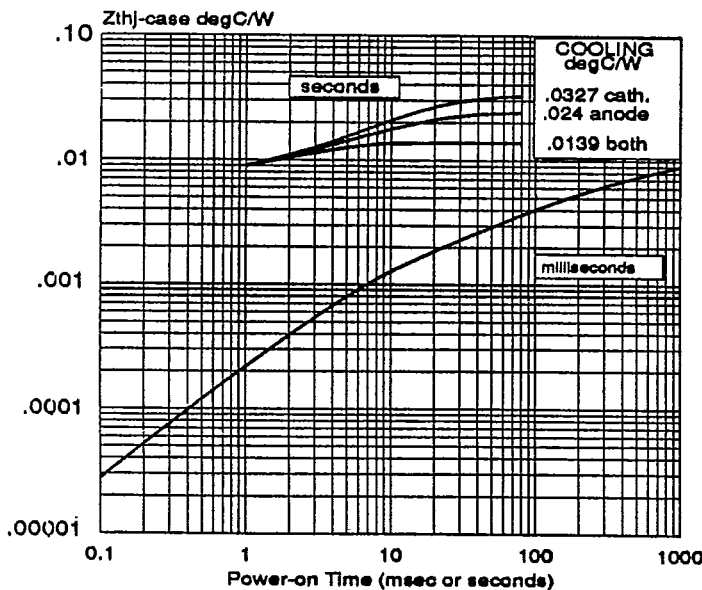
Repetitive  $I_{TORM} = 2000\text{A}$   
 Non-repetitive  $I_{TQSM} = 2500\text{A}$

#### MECHANICAL OUTLINE



$\text{ØA} = 4.300 \text{ in (109 mm)}$   
 $\text{ØB} = 2.877 \text{ in (73 mm)}$   
 $D = 1.050 \text{ in (26.7 mm)}$

#### THERMAL IMPEDANCE / RESISTANCE Junction to Case (DC)



\* add interface Rthc-s of .003 for double or .006 for single sided cooling

