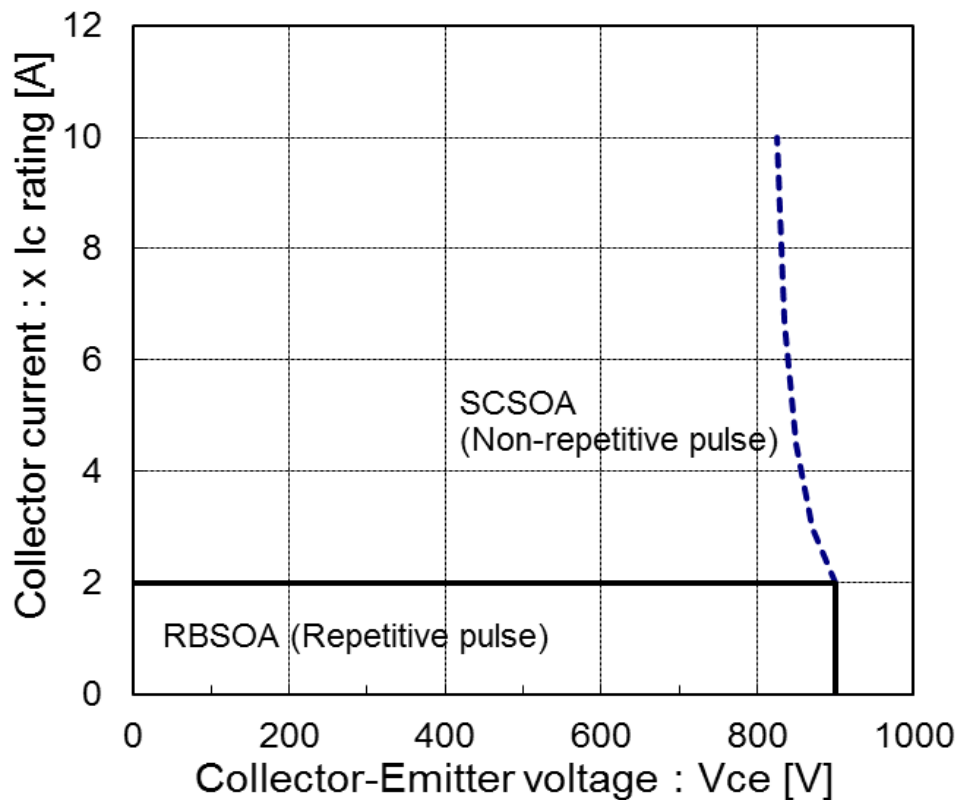


## — RB-IGBT 900V —

### Safe operating area: RBSOA and SCSOA

Device: RB-IGBT 900V  
Package: M404  
Measured condition:  $T_j=125^{\circ}\text{C}$ ,  $V_{ge}=+15\text{V}/-15\text{V}$ ,  $R_g \geq$  recommended in datasheet

The data below shows the reverse bias safe operating area (RBSOA) and short circuit safe operating area (SCSOA). Within the RBSOA the IGBT can be switched off repetitive. Within the SCSOA the IGBT can be switched off in the case of a short circuit only, no repetitive operation.



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## WARNING

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  - Machine tools    •Audiovisual equipment    •Electrical home appliances    •Personal equipment    •Industrial robots etc
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