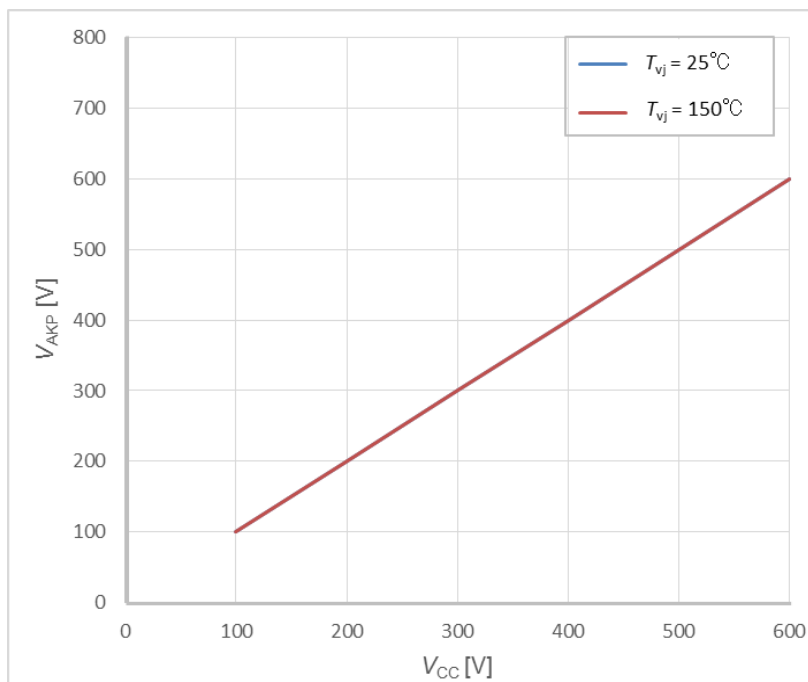
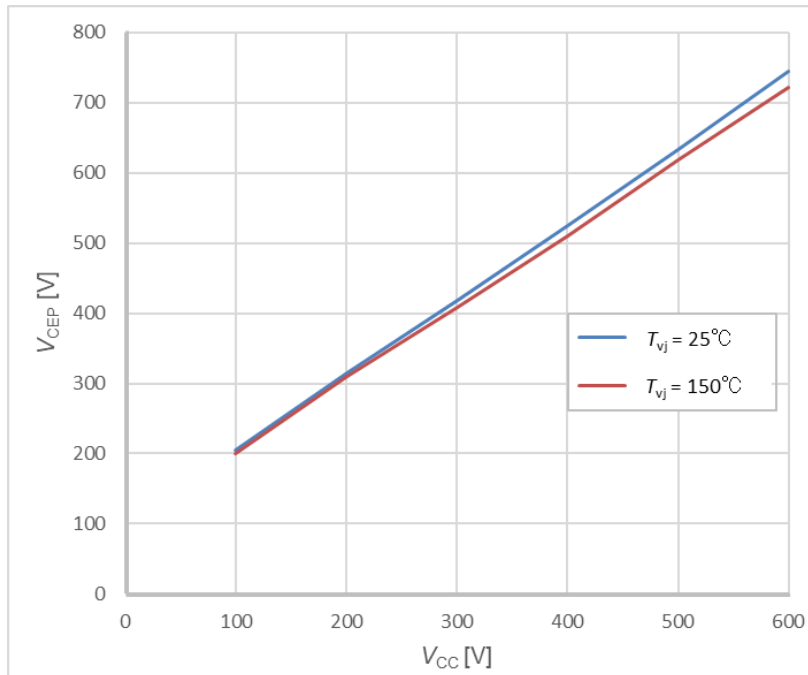


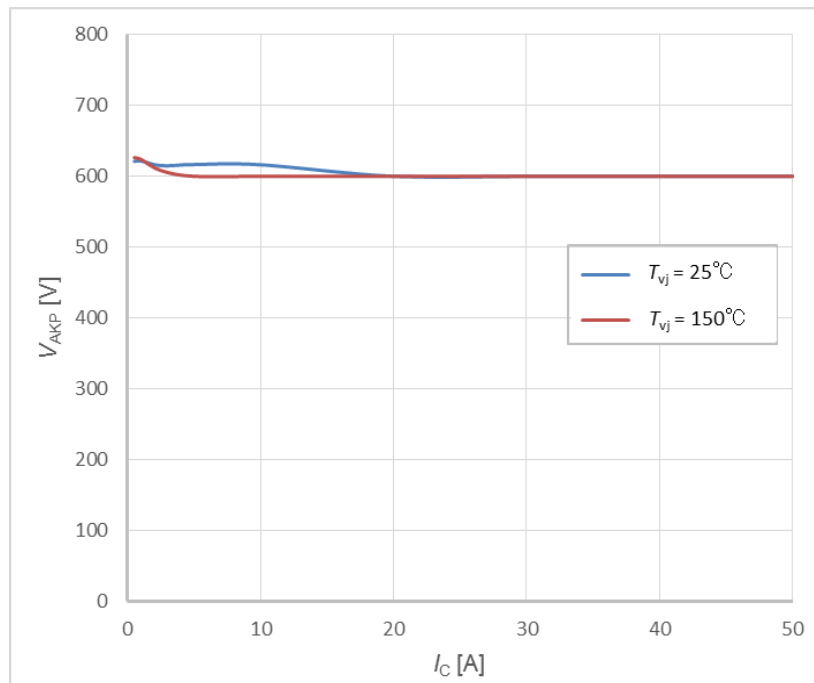
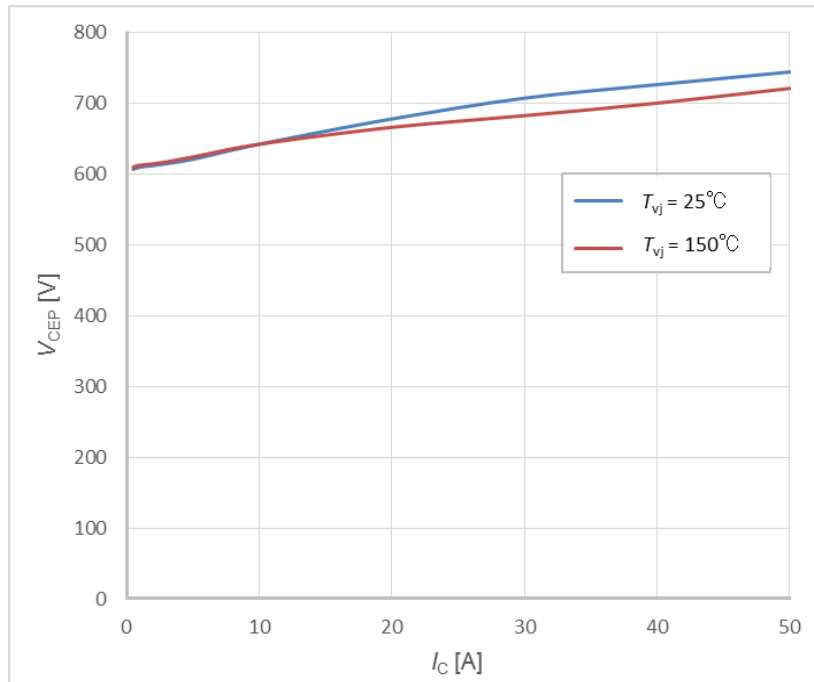
**Fuji Electric RC - X series IGBT small PIM 7MBR50XRKD120-50
Surge Voltage Characteristics**

Module: 7MBR50XRKD120-50

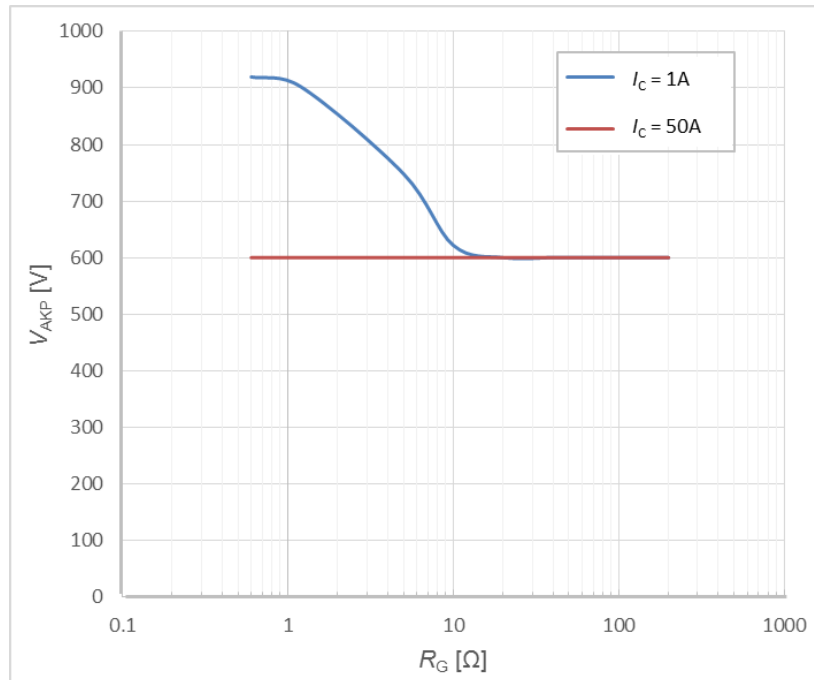
Measurement condition: $I_C = 50A$, $V_{GE}=15V/-15V$, $R_G=10\Omega$, Snubber $C=0.47\mu F$, $T_{vj}=25^\circ C$, $150^\circ C$, $V_{CC}=\text{var.}$



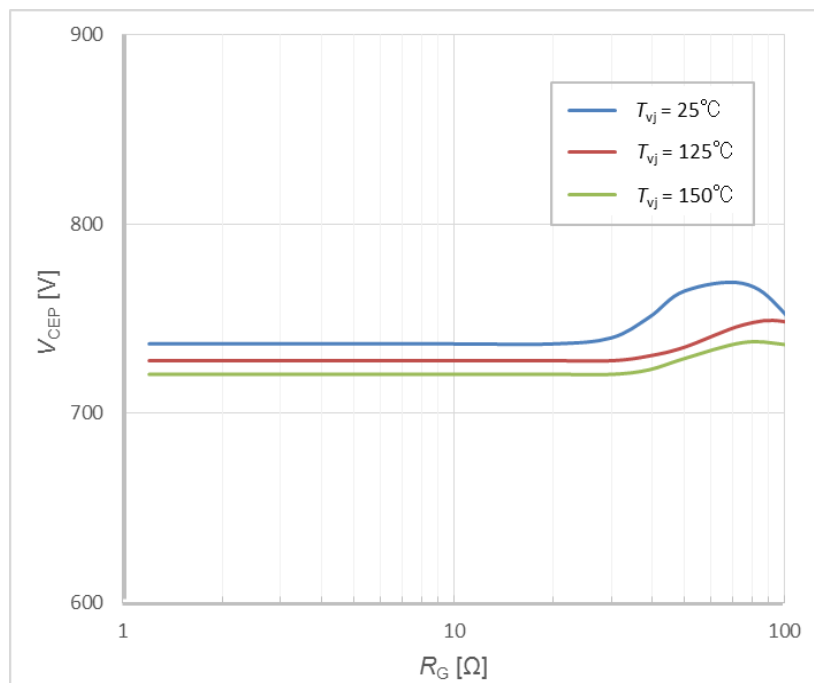
Measurement condition: $V_{CC}=600V$, $V_{GE}=15V/-15V$, $R_G=10\Omega$, Snubber $C=0.47\mu F$, $T_{vj}=25^\circ C$, $150^\circ C$, $I_C=var.$



Measurement condition: $V_{CC}=600V$, $V_{GE}=15V/-15V$, Snubber $C=0.47\ \mu F$, $T_{vj}=25^{\circ}C$, $I_C=1A, 50A$, $R_G=var.$



Measurement condition: $V_{CC}=600V$, $I_C=50A$, $V_{GE}=15V/-15V$, Snubber $C=0.47\ \mu F$, $T_{vj}=25^{\circ}C, 125^{\circ}C, 150^{\circ}C$, $R_G=var.$



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