



NOTE: All specifications are subject to change without notification.
SCD's for these devices should be reviewed by SSDI prior to release.



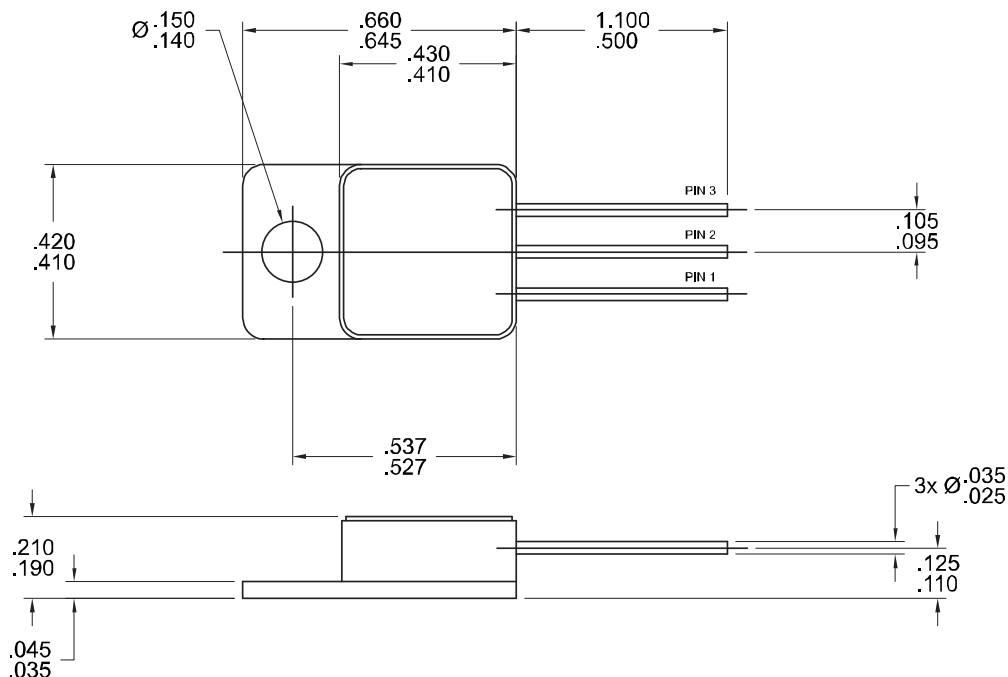
Solid State Devices, Inc.

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SSR24C60CTJ & SSR24C60CAJ Series

Electrical Characteristic (Per Leg)		Symbol	Min	Typ	Max	Units
Instantaneous Forward Voltage Drop ($T_J = 25^\circ\text{C}$, 300 μsec pulse)	$I_F = 6\text{A}$ $I_F = 12\text{A}$	V_{F1}	—	1.20 1.50	1.40 1.75	Volts
Instantaneous Forward Voltage Drop ($T_J = 150^\circ\text{C}$, 300 μsec pulse)	$I_F = 6\text{A}$ $I_F = 12\text{A}$	V_{F2}	—	1.35 1.85	1.60 2.25	Volts
Instantaneous Forward Voltage Drop ($T_J = -55^\circ\text{C}$, 300 μsec pulse)	$I_F = 6\text{A}$ $I_F = 12\text{A}$	V_{F3}	—	1.27 1.50	1.45 1.75	Volts
Reverse Leakage Current ($V_R = \text{Rated } V_R$, $T_J = 25^\circ\text{C}$, 300 μsec pulse)		I_{R1}	—	1	200	μA
Reverse Leakage Current ($V_R = \text{Rated } V_R$, $T_J = 150^\circ\text{C}$, 300 μsec pulse)		I_{R2}	—	5	1000	μA
Junction Capacitance ($V_R = 10\text{ Vdc}$, $T_C = 25^\circ\text{C}$, $f=1\text{MHz}$)		C_J	—	280	—	pF
Total Capacitive Charge ($V_R = 10\text{ Vdc}$, $I_F = 12\text{A}$, $di/dt \geq 200\text{A}/\mu\text{s}$, $T_J = 25^\circ\text{C}$)		Q_C	—	35	—	nC

CASE OUTLINE: TO-257



Available Part Numbers:

SSR24C30CTJ	SSR24C40CTJ	SSR24C50CTJ
SSR24C60CTJ	SSR24C30CAJ	SSR24C40CAJ
SSR24C50CAJ	SSR24C60CAJ	

PIN ASSIGNMENT

Configuration	Pin 1	Pin 2	Pin 3
CT	Anode	Cathode	Anode
CA	Cathode	Anode	Cathode

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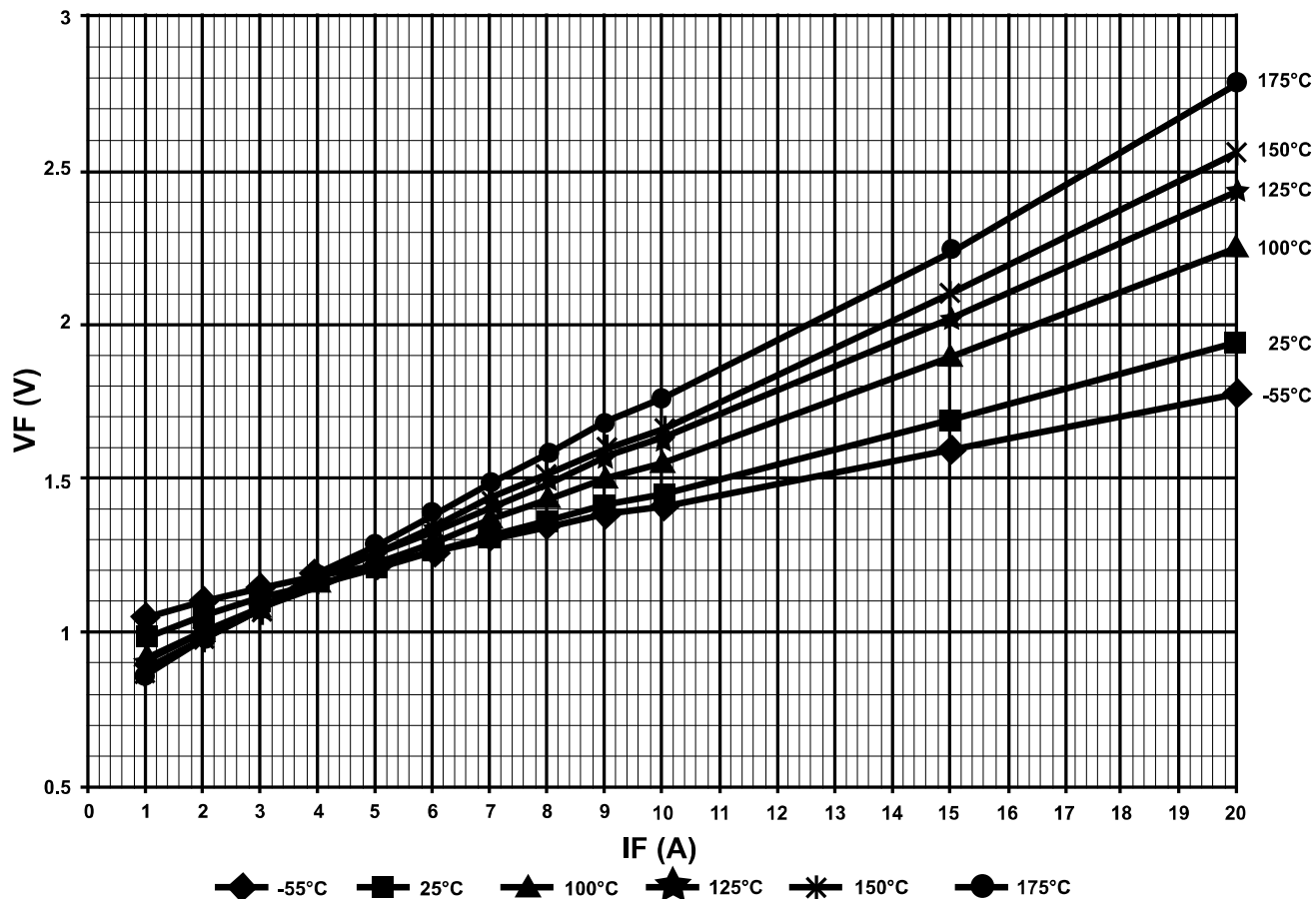
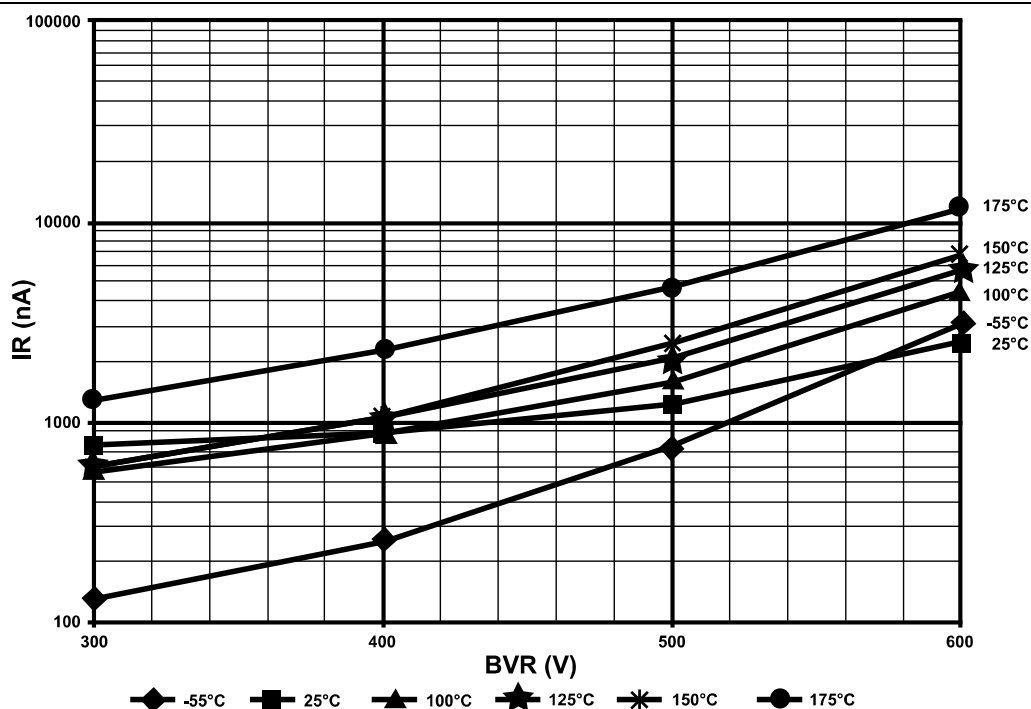
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