

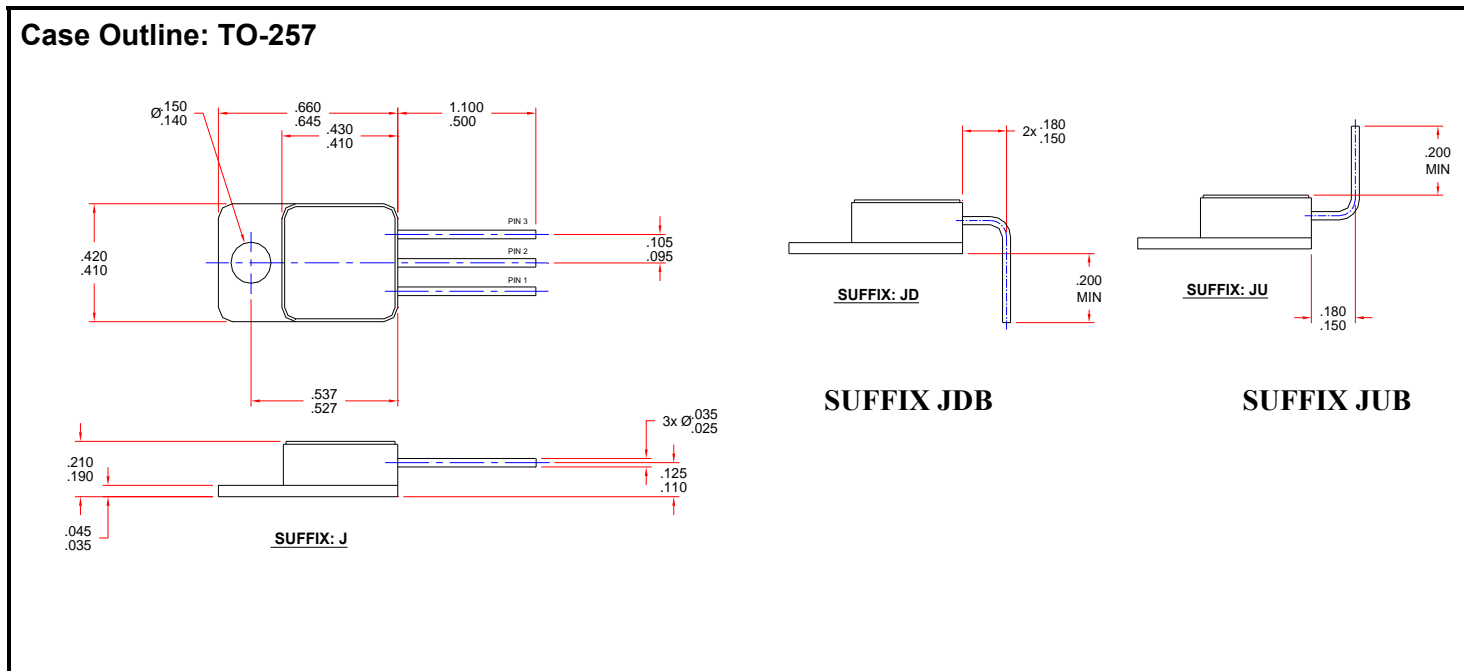


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**SDR620CTJ, CAJ, DJ, DRJ
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 SDR622CTJ, CAJ, DJ, DRJ**

ELECTRICAL CHARACTERISTICS (Per Leg)	Symbol	Min	Max	Unit
Instantaneous Forward Voltage Drop ($I_F = 10$ Amps, $T_A = 25^\circ\text{C}$, 300 μsec Pulse) ($I_F = 20$ Amps, $T_A = 25^\circ\text{C}$, 300 μsec Pulse)	V_{F1} V_{F2}	—	1.05 1.25	Volts
Instantaneous Forward Voltage Drop ($I_F = 10$ Amps, $T_A = 100^\circ\text{C}$, 300 μsec Pulse) ($I_F = 10$ Amps, $T_A = -55^\circ\text{C}$, 300 μsec Pulse)	V_{F3} V_{F4}	—	0.95 1.2	Volts
Reverse Leakage Current (Rated V_R , $T_A = 25^\circ\text{C}$, 300 μsec pulse minimum)	I_{R1}	—	10	μA
Reverse Leakage Current (Rated V_R , $T_A = 100^\circ\text{C}$, 300 μsec pulse minimum)	I_{R2}	—	100	μA
Reverse Recovery Time ($I_F = 0.5\text{A}$, $I_R = 1\text{A}$, $I_{RR} = 0.25\text{A}$, $T_A = 25^\circ\text{C}$)	t_{rr}	—	35	ns
Junction Capacitance ($V_R = 10\text{V}_{\text{DC}}$, $T_A = 25^\circ\text{C}$, $f = 1\text{MHz}$)	C_J	—	225	pF



Common Cathode	Common Anode	Doubler	PIN ASSIGNMENT				
			CODE	FUNCTION	PIN 1	PIN 2	PIN 3
			CT	Common Anode	Anode 1	Cathode	Anode 2
			CA	Common Anode	Cathode 1	Anode	Cathode 2
			D	Doubler	Cathode 1	Cathode2/Anode 1	Anode 2
			DR	Doubler Reverse	Anode 1	Cathode1/Anode 2	Cathode 2