



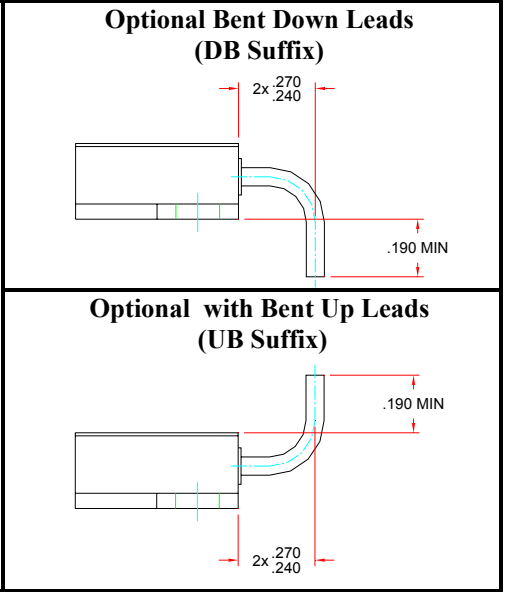
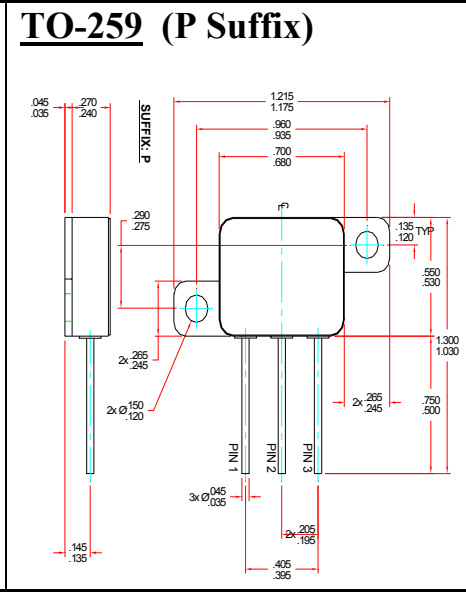
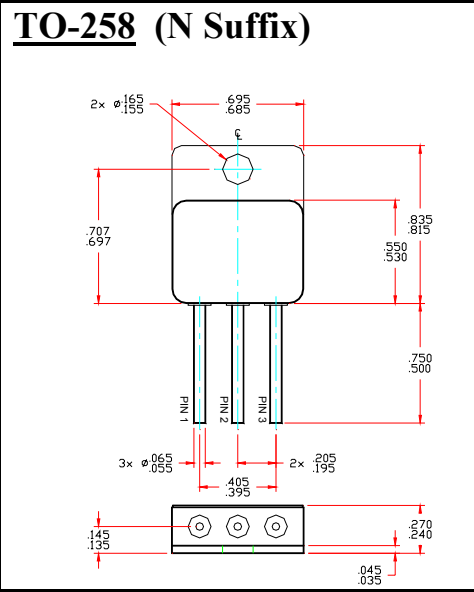
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**SDR9103CTN&P
 thru
 SDR9105CTN&P**

ELECTRICAL CHARACTERISTICS (Per Leg)

CHARACTERISTICS	SYMBOL	MAXIMUM	UNIT
Instantaneous Forward Voltage Drop ($I_F = 25\text{ A}$, $T_A = 25^\circ\text{C}$, Pulse) ($I_F = 50\text{ A}$, $T_A = 25^\circ\text{C}$, Pulse)	V_{F1} V_{F2}	1.25 1.55	Vdc
Instantaneous Forward Voltage Drop ($I_F = 25\text{ A}$, $T_A = 100^\circ\text{C}$, Pulse) ($I_F = 25\text{ A}$, $T_A = -55^\circ\text{C}$, Pulse)	V_{F3} V_{F4}	1.15 1.35	Vdc
Reverse Leakage Current (Rated V_R , $T_A = 25^\circ\text{C}$, Pulse)	I_{R1}	100	μA
Reverse Leakage Current (Rated V_R , $T_A = 100^\circ\text{C}$, Pulse)	I_{R2}	10	mA
Junction Capacitance ($V_R = 10\text{ V}$, $T_A = 25^\circ\text{C}$, $f = 1\text{ MHz}$)	C_J	250	pF
Reverse Recovery Time ($I_F = 500\text{mA}$, $I_R = 1.0\text{A}$, $I_{RR} = 250\text{mA}$, $T_A = 25^\circ\text{C}$)	t_{rr}	40	nsec



Pin Assignment

For information on curves, contact the Factory Representative for Engineering Assistance.

Code	Function	Pin 1	Pin 2	Pin 3
CT	Common Cathode	Anode	Cathode	Anode
CA	Common Anode	Cathode	Anode	Cathode
D	Doubler	Cathode	AC	Anode
DR	Doubler, Reverse	Anode	AC	Cathode