

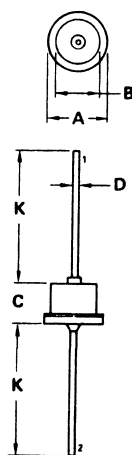
1N5822-179

Schottky Rectifier

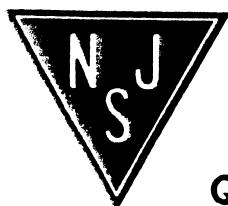
Datasheet

Absolute Maximum Ratings	Symbol	Max	Unit
Output Current	I_O	5	A
Reverse Voltage	V_R	40	V
Max Forward Surge Current	I_{FSM}	500	A

Electrical Characteristics	Symbol	Min	Typ	Max	Unit
Forward Voltage					
($I_F=3$ A, $T_A=25$ °C)	V_{F1}			0.35	V
($I_F=5$ A, $T_A=25$ °C, 300 μ s pulse)	V_{F2}			0.38	V
($I_F=15.7$ A, $T_A=25$ °C)	V_{F3}			0.52	V
Reverse Leakage Current					
($V_R=40$ V, $T_A=25$ °C)	I_R			10000	μ A
Junction Capacitance					
($T_A=25$ °C, $V_R=5$ V)	C_J		1470		pF



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	—	11.43	—	0.450
B	—	8.89	—	0.350
C	—	7.62	—	0.300
D	1.17	1.42	0.046	0.056
K	24.89	—	0.980	—



Quality Semi-Conductors

Metal package with hermetic glass seal.