

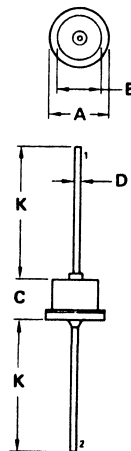
# 1N5822-179

## Schottky Rectifier

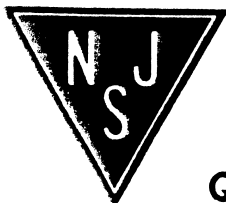
### Datasheet

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

Electrical Characteristics	Symbol	Min	Typ	Max	Unit
<b>Forward Voltage</b>					
( $I_F=3\text{ A}$ , $T_A=25\text{ }^\circ\text{C}$ )	$V_{F1}$			0.35	V
( $I_F=5\text{ A}$ , $T_A=25\text{ }^\circ\text{C}$ , 300 $\mu\text{s}$ pulse)	$V_{F2}$			0.38	V
( $I_F=15.7\text{ A}$ , $T_A=25\text{ }^\circ\text{C}$ )	$V_{F3}$			0.52	V
<b>Reverse Leakage Current</b>					
( $V_R=40\text{ V}$ , $T_A=25\text{ }^\circ\text{C}$ )	$I_R$			10000	$\mu\text{A}$
<b>Junction Capacitance</b>					
( $T_A=25\text{ }^\circ\text{C}$ , $V_R=5\text{ V}$ )	$C_j$		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.**