

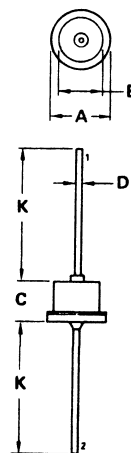
# 1N5822-179

## Schottky Rectifier

### Datasheet

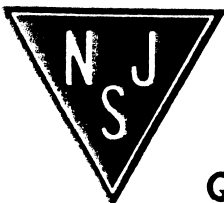
Absolute Maximum Ratings	Symbol	Max	Unit
<b>Output Current</b>	$I_O$	5	A
<b>Reverse Voltage</b>	$V_R$	40	V
<b>Max Forward Surge Current</b>	$I_{FSM}$	500	A

Electrical Characteristics	Symbol	Min	Typ	Max	Unit
<b>Forward Voltage</b>					
( $I_F=3$ A, $T_A=25$ °C)	$V_{F1}$			0.35	V
( $I_F=5$ A, $T_A=25$ °C, 300µs pulse)	$V_{F2}$			0.38	V
( $I_F=15.7$ A, $T_A=25$ °C)	$V_{F3}$			0.52	V
<b>Reverse Leakage Current</b>					
( $V_R=40$ V, $T_A=25$ °C)	$I_R$			10000	µA
<b>Junction Capacitance</b>					
( $T_A=25$ °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	-

**Metal package with hermetic glass seal.**



**Quality Semi-Conductors**