

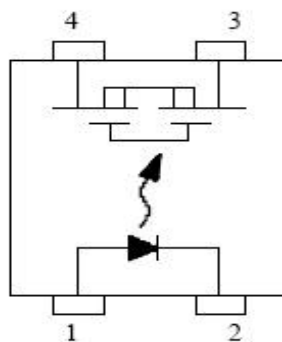


**ELECTRICAL CHARACTERISTICS (  $T_A = 25^\circ\text{C}$  Unless otherwise noted )**

PARAMETER		MIN	TYP	MAX	UNITS	TEST CONDITION
Input	Forward Voltage ( $V_F$ )		1.2	1.4	V	$I_F = 10\text{mA}$
	Reverse Current ( $I_R$ )			10	$\mu\text{A}$	$V_R = 5\text{V}$
Output	On State Resistance ( $R_{on}$ )			0.5	$\Omega$	$I_F = 5\text{mA}, I_L = 100\text{mA}$
	Off State Leakage Current ( $I_{Leak}$ )			1	$\mu\text{A}$	$V_L = \text{Rating}$
	Output Capacitance ( $C_{out}$ )		500		pF	$V_L = 0, f = 1\text{MHz}$
Coupled	Input Control Current ( $I_{FON}$ )		0.5	3.0	mA	
	Recovery LED Current ( $I_{FOFF}$ )		0.35	0.5	mA	
	Recovery LED Voltage ( $V_{OFF}$ )	0.5			V	
	Turn On Time ( $T_{ON}$ )			1.5	nS	$I_F = 5\text{mA}, I_L = 100\text{mA}$
	Turn Off Time ( $T_{OFF}$ )			0.1	nS	$I_F = 5\text{mA}, I_L = 100\text{mA}$
	Input to Output Isolation ( $V_{ISO}$ )	1500			V	See note 1

Note 1 Measured with input leads shorted together and output leads shorted together.

Note 2 Special Selections are available on request. Please consult the factory.



- 1 LED Anode
- 2 LED Cathode
- 3 Drain MOSFET
- 4 Drain MOSFET

