



Optolink

OPTOCOUPLERS

AC INPUT

Single Channel DIP, AC Input



Part Number		Current Transfer Ratio ($I_F = \pm 10\text{mA}$) MIN (%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ① 10mA MIN (V)	BV_{CEO} ① 1mA MIN (V)	I_{CEO} (Dark) $V_{CE} = 10\text{V}$ MAX (nA)	V_{CE} Sat $I_F = \pm 10\text{mA}$ $I_C = 0.5\text{mA}$ MAX (V)
H11AA1	Optically Coupled pair with two IR LED Emitters in reverse parallel and NPN Photo Transistor	20	2500	60	1.5	30	100	0.4
CNY35		10						
PT604		50	5000					




PHOTO TRANSISTORS

High Voltage, High CTR, High Sensitivity

Part Number		Current Transfer Ratio ($I_F = 10\text{mA}$) MIN - MAX (%)	Current Transfer Ratio $I_F = 1\text{mA}$ MIN (%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ① 10 μA MIN (V)	BV_{CEO} ① 1mA MIN (V)	I_{CEO} (Dark) $V_{CE} = 10\text{V}$ MAX (nA)	V_{CE} Sat $I_F = 10\text{mA}$ $I_C = 2\text{mA}$ MAX (V)
PT201	Optically Coupled Pair with Infrared LED Emitter and NPN Silicon Photo Transistor	75 min.	10	5000	60	3	30	50	0.4
PT202		125-250	30						
PT203		225-450	50						

Jedec Types

Part Number		Current Transfer Ratio ($I_F = 10\text{mA}$) ($V_{CE} = 10\text{V}$) MIN (%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ① 10 μA MIN (V)	BV_{CEO} ① 1mA MIN (V)	I_{CEO} (Dark) $V_{CE} = 10\text{V}$ MAX (nA)	V_{CE} Sat $I_F = 50\text{mA}$ $I_C = 2\text{mA}$ MAX (V)
4N25	Optically Coupled pair with Infrared LED Emitter and NPN Silicon Phototransistor	20	2500	80	3 (@ 100 μA)	30	50	0.5
4N26			1500					
4N27		10	500	60	6	50	0.3 ($I_F = 10\text{mA}$) ($I_C = 0.5\text{mA}$)	
4N28			3550					
4N35			2500					
4N36			1500	80	3	80	1.0 ($I_F = 20\text{mA}$) ($I_C = 4\text{mA}$)	
4N37			1500					
4N38			1500 (Peak)					
4N38A		($I_F = 20\text{mA}$) ($V_{CE} = 1\text{V}$) 2500 (Peak)						