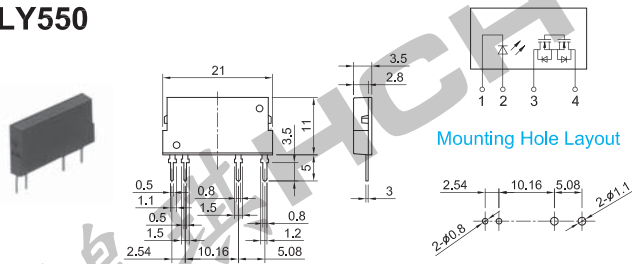


# PHOTOMOS RELAYS

## POWER 1 FORM A HIGH CAPACITY SIL RLY550

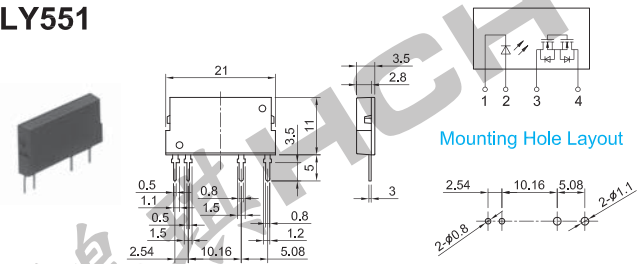
• Approval: UL • C-UL, VDE



Item	RLY550	Item	RLY550		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	5V		Load Voltage	60V
	Peak Forward Current	1A		Continuous Load Current	6A
	Power Dissipation	75mW		Peak Load Current	12A
Total Power Dissipation	1.6W	Power Dissipation	1.6W		
I/O Isolation Voltage	2,500Vrms	Operating Temperature	-40~+85°C		
		Storage Temperature	-40~+100°C		

## POWER 1 FORM A HIGH CAPACITY SIL RLY551

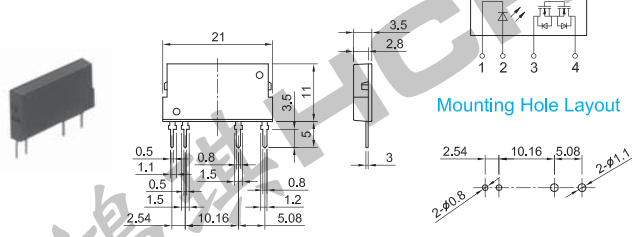
• Approval: UL • C-UL, VDE



Item	RLY551	Item	RLY551		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	5V		Load Voltage	100V
	Peak Forward Current	1A		Continuous Load Current	4A
	Power Dissipation	75mW		Peak Load Current	8A
Total Power Dissipation	1.6W	Power Dissipation	1.6W		
I/O Isolation Voltage	2,500Vrms	Operating Temperature	-40~+85°C		
		Storage Temperature	-40~+100°C		

## POWER 1 FORM A HIGH CAPACITY SIL RLY552

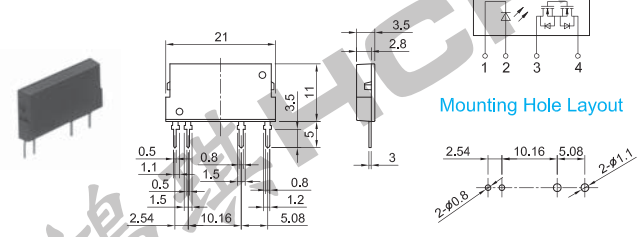
• Approval: UL • C-UL, VDE



Item	RLY552	Item	RLY552		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	5V		Load Voltage	200V
	Peak Forward Current	1A		Continuous Load Current	2A
	Power Dissipation	75mW		Peak Load Current	6A
Total Power Dissipation	1.6W	Power Dissipation	1.6W		
I/O Isolation Voltage	2,500Vrms	Operating Temperature	-40~+85°C		
		Storage Temperature	-40~+100°C		

## POWER 1 FORM A HIGH CAPACITY SIL RLY553

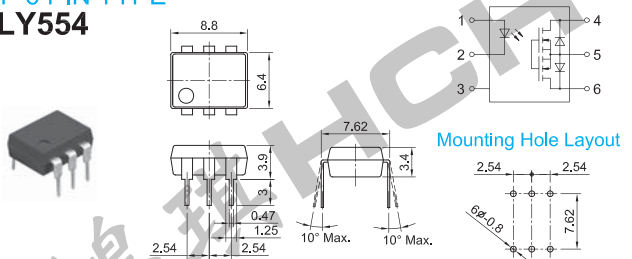
• Approval: UL • C-UL, VDE



Item	RLY553	Item	RLY553		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	5V		Load Voltage	600V
	Peak Forward Current	1A		Continuous Load Current	1A
	Power Dissipation	75mW		Peak Load Current	3A
Total Power Dissipation	1.6W	Power Dissipation	1.6W		
I/O Isolation Voltage	2,500Vrms	Operating Temperature	-40~+85°C		
		Storage Temperature	-40~+100°C		

## HE 1 FORM A DIP 6 PIN TYPE RLY554

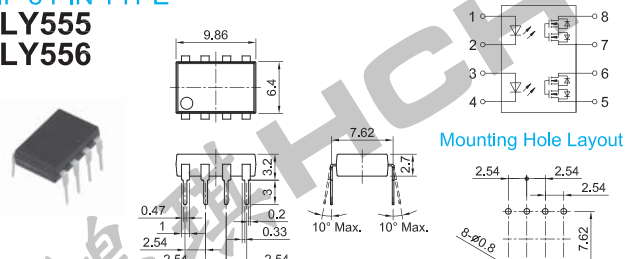
• Approval: UL • C-UL, BSI



Item	RLY554	Item	RLY554		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	5V		Load Voltage (Peak AC)	1,500V
	Peak Forward Current	1A		Continuous A Connection	0.02A
	Power Dissipation	75mW		Load B Connection	0.025A
Total Power Dissipation	410mW	Load C Connection	0.04A		
I/O Isolation Voltage	1,500Vrms	Peak Load Current	0.06A		
Operating Temperature	-40~+85°C	Power Dissipation	360mW		
		Storage Temperature	-40~+100°C		

## GE 2 FORM A DIP 8 PIN TYPE RLY555 RLY556

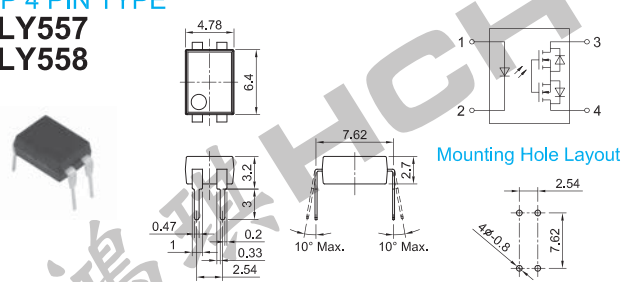
• Approval: UL • C-UL, BSI



Item	RLY555	RLY556	Item	RLY555	RLY556
Input	LED Forward Current	50mA	Output	Load Voltage (Peak AC)	400V 600V
	LED Reverse Voltage	5V		Continuous Load Current	0.1A 0.04A
	Peak Forward Current	1A		Peak Load Current	0.3A 0.12A
	Power Dissipation	75mW		Power Dissipation	800mW
Total Power Dissipation	850mW	Operating Temperature	-40~+85°C		
I/O Isolation Voltage	5,000Vrms	Storage Temperature	-40~+100°C		

## GE 1 FORM A DIP 4 PIN TYPE RLY557 RLY558

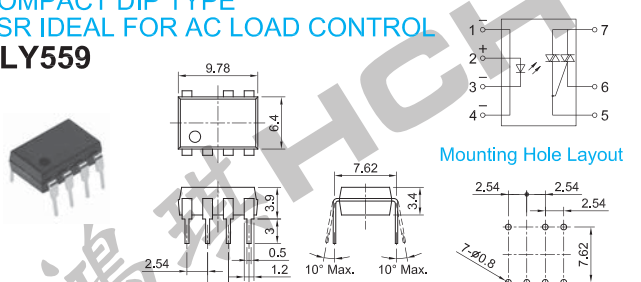
• Approval: UL • C-UL, BSI



Item	RLY557	RLY558	Item	RLY557	RLY558
Input	LED Forward Current	50mA	Output	Load Voltage (Peak AC)	60V 350V
	LED Reverse Voltage	5V		Continuous Load Current	0.55A 0.13A
	Peak Forward Current	1A		Peak Load Current	1.5A 0.4A
	Power Dissipation	75mW		Power Dissipation	500mW
Total Power Dissipation	550mW	Operating Temperature	-40~+85°C		
I/O Isolation Voltage	5,000Vrms	Storage Temperature	-40~+100°C		

## SOLID STATE RELAY COMPACT DIP TYPE SSR IDEAL FOR AC LOAD CONTROL RLY559

• Approval: UL • C-UL, VDE



Item	RLY559	Item	RLY559		
Input	LED Forward Current	50mA	Output		
	LED Reverse Voltage	6V		Repulsive Peak OFF-State Voltage	600V
	Peak Forward Current	1A		ON-State RMS Current	0.9A
I/O Isolation Voltage	500Vrms	Non-Repulsive Surge Current	9A		
Operating Temperature	-30~+85°C	Storage Temperature	-40~+125°C		