

# PCB Relays

Authorized Distributor

### Tyco Electronics OEG SRUDH SERIES: 12A MINIATURE POWER PCB RELAYS

#### Specifications:

- Low cost, small package
- Sealed plastic case
- Nominal power: 360 mW
- Contact material: AgCdO

#### Common Applications:

- Appliances
- HVAC
- Office machines
- Security systems



MOUSER STOCK NO.	OEG Part No.	Fig.	Coil Voltage	Contact Form	Nominal Coil Current	Price Each			
						1	25	50	100
677-SRUDH-SH-112D1	SRUDH-SH-112D1,000	A	12 VDC	SPDT	30 mA	1.07	1.01	.96	.81
677-SRUDH-SH-112DM1	SRUDH-SH-112DM1,000	A	12 VDC	SPST-NO	30 mA	1.10	.99	.93	.88
677-SRUDH-SH-124D1	SRUDH-SH-124D1,000	A	24 VDC	SPDT	15 mA	1.42	1.15	1.09	1.02
677-SRUDH-SH-124DM1	SRUDH-SH-124DM1,000	A	24 VDC	SPST-NO	15 mA	1.06	1.02	.97	.91

### Tyco Electronics OEG TSC SERIES: 1A MINIATURE PCB RELAYS

#### Specifications:

- Low coil power requirement for IC compatibility
- Sealed plastic case
- Nominal power: Standard coil = 300 mW; Sensitive coil = 150 mW

#### Common Applications:

- Telecommunications
- Appliances
- Office machines
- Security systems



Standard Coil		Fig.	Coil Voltage	Contact Form	Nominal Coil Current	Price Each			
MOUSER STOCK NO.	OEG Part No.					1	25	50	100
677-TSC-105D3H	TSC-105D3H,000	B	5 VDC	SPDT	60 mA	1.31	1.19	1.09	1.01
677-TSC-112D3H	TSC-112D3H,000	B	12 VDC	SPDT	25 mA	1.31	1.19	1.09	1.01
677-TSC-124D3H	TSC-124D3H,000	B	24 VDC	SPDT	12.5 mA	1.39	1.26	1.16	1.07
Sensitive Coil		Fig.	Coil Voltage	Contact Form	Nominal Coil Current	Price Each			
MOUSER STOCK NO.	OEG Part No.					1	25	50	100
677-TSC-105L3H	TSC-105L3H,000	B	5 VDC	SPDT	30 mA	1.31	1.19	1.09	1.01
677-TSC-112L3H	TSC-112L3H,000	B	12 VDC	SPDT	12.5 mA	1.59	1.50	1.38	1.09
677-TSC-124L3H	TSC-124L3H,000	B	24 VDC	SPDT	6.3 mA	1.64	1.55	1.47	1.39

### Tyco Electronics OEG OUDH SERIES: 10A MINIATURE PCB RELAYS

#### Specifications:

- Meets 2kV dielectric between coil and contacts
- Meets 5kV surge voltage
- Nominal power: 450 mW
- Contact material: Ag Alloy

#### Common Applications:

- Appliances
- HVAC
- Office machines



Vented (Flux-tight) Case		Fig.	Coil Voltage	Contact Form	Nominal Coil Current	Price Each			
MOUSER STOCK NO.	OEG Part No.					1	25	50	100
677-OUDH-SS-105D	OUDH-SS-105D,000	C	5 VDC	SPDT	90.9 mA	1.27	1.21	1.15	1.08
677-OUDH-SS-106D	OUDH-SS-106D,000	C	6 VDC	SPDT	75 mA	1.47	1.40	1.33	1.25
677-OUDH-SS-112D	OUDH-SS-112D,000	C	12 VDC	SPDT	37.5 mA	1.46	1.38	1.31	1.24
Sealed Case		Fig.	Coil Voltage	Contact Form	Nominal Coil Current	Price Each			
MOUSER STOCK NO.	OEG Part No.					1	25	50	100
677-OUDH-SH-105D	OUDH-SH-105D,000	C	5 VDC	SPDT	90.9 mA	1.59	1.50	1.42	1.35
677-OUDH-SH-106D	OUDH-SH-106D,000	C	6 VDC	SPDT	75 mA	1.32	1.25	1.19	1.12
677-OUDH-SH-112D	OUDH-SH-112D,000	C	12 VDC	SPDT	37.5 mA	1.59	1.50	1.42	1.35

### Tyco Electronics OEG PCN SERIES: 3 AMP MINIATURE PCB RELAYS

#### Specifications:

- Contact form: SPST-NO
- Rated current: 3A
- Rated voltage: 250VAC

- Contact material: Silver nickel
- Contact assembly: Bifurcated contact
- Conforms to UL508



MOUSER STOCK NO.	OEG Part No.	Fig.	Coil Voltage	Contact Form	Nom. Coil Current	1	25	50	100
677-PCN-105D3MHZ	PCN-105D3MHZ	D	5 VDC	SPST-NO	120 mW	1.30	1.24	1.17	1.11
677-PCN-112D3MHZ	PCN-112D3MHZ	D	12 VDC	SPST-NO	120 mW	1.30	1.24	1.17	1.11
677-PCN-124D3MHZ	PCN-124D3MHZ	D	24 VDC	SPST-NO	120 mW	1.48	1.41	1.33	1.26

### Tyco Electronics SCHRACK PE SERIES: 5 AMP MINIATURE PCB RELAYS

#### Specifications:

- Flux-tight for wave soldering
- Contact material: Silver-Nickel 90/10

- Expected Mechanical life: 15 million operations min.
- Operate/Release/Bounce Time: 5 ms/2 ms/1 ms typical



MOUSER STOCK NO.	Schrack Part No.	Fig.	Coil Voltage	Contact Form	Nom. Coil Current	Price Each			
						1	25	50	100
655-PE014005	PE014005	E	5 VDC	SPDT	40 mA	3.96	3.75	3.56	3.35
655-PE014012	PE014012	E	12 VDC	SPDT	17.5 mA	3.97	3.64	3.36	3.12
655-PE014024	PE014024	E	24 VDC	SPDT	8.8 mA	3.97	3.64	3.36	2.87

### Tyco Electronics SCHRACK RE SERIES: 6 AMP MINIATURE PCB RELAYS

#### Specifications:

- Fully sealed with vent hole
- Contact material: Silver-cadmium oxide

- Expected Mechanical life: 30 million operations min.
- Operate/Release/Bounce Time: 6 ms/1 ms/1 ms typical



MOUSER STOCK NO.	Schrack Part No.	Fig.	Coil Voltage	Contact Form	Nom. Coil Current	Price Each			
						1	25	50	100
655-RE030005	RE030005	F	5 VDC	SPST-NO	40 mA	5.02	4.78	4.53	4.27
655-RE030012	RE030012	F	12 VDC	SPST-NO	16.7 mA	5.02	4.78	4.53	4.20
655-RE030024	RE030024	F	24 VDC	SPST-NO	4.2 mA	5.02	4.78	4.53	4.24

### Tyco Electronics SCHRACK RYII SERIES: 8A MINIATURE POWER PCB RELAYS

#### Specifications:

- Contact form: SPDT
- Rated current: 8A
- Rated voltage: 250VAC

- Contact material: Silver nickel 0.15
- Contact assembly: Single contact
- Conforms to UL508



MOUSER STOCK NO.	Schrack Part No.	Fig.	Coil Voltage	Case Type	Nom. Coil Current	Price Each			
						1	25	50	100
655-RY211012	RY211012	G	12 VDC	Flux proof	220 mW	3.97	3.78	3.58	3.38
655-RY211024	RY211024	G	24 VDC	Flux proof	220 mW	3.55	3.38	3.10	2.45
655-RY611005	RY611005	G	5 VDC	Washable	220 mW	3.44	3.29	3.10	2.93
655-RY611012	RY611012	G	12 VDC	Washable	220 mW	3.97	3.78	3.58	3.38
655-RY611024	RY611024	G	24 VDC	Washable	220 mW	3.55	3.38	3.10	2.95

**DIMENSIONS: mm**

**A**

**B**

**C**

**D**

**E**

**F**

**G**

Tyco

PCB Relays