

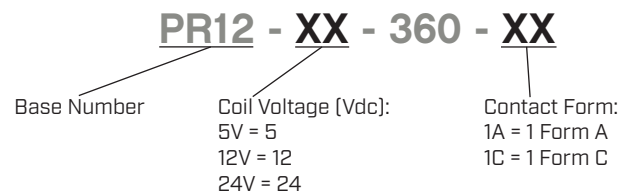
**SERIES:** PR12 | **DESCRIPTION:** POWER RELAY**FEATURES**

- 5V/12V/24V
- SPST & SPDT
- 360 mW

**MODEL**

	coil voltage typ (Vdc)	coil resistance ($\Omega \pm 10\%$)	operating voltage min (Vdc)	release voltage max (Vdc)	coil power max (mW)
PR12-5V-360-1A	5	70	3.5	0.5	360
PR12-12V-360-1A	12	400	8.4	1.2	360
PR12-24V-360-1A	24	1,600	16.8	2.4	360
PR12-5V-360-1C	5	70	3.5	0.5	360
PR12-12V-360-1C	12	400	8.4	1.2	360
PR12-24V-360-1C	24	1,600	16.8	2.4	360

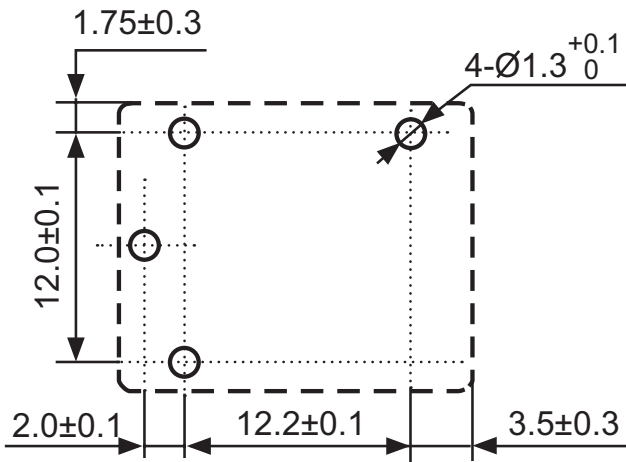
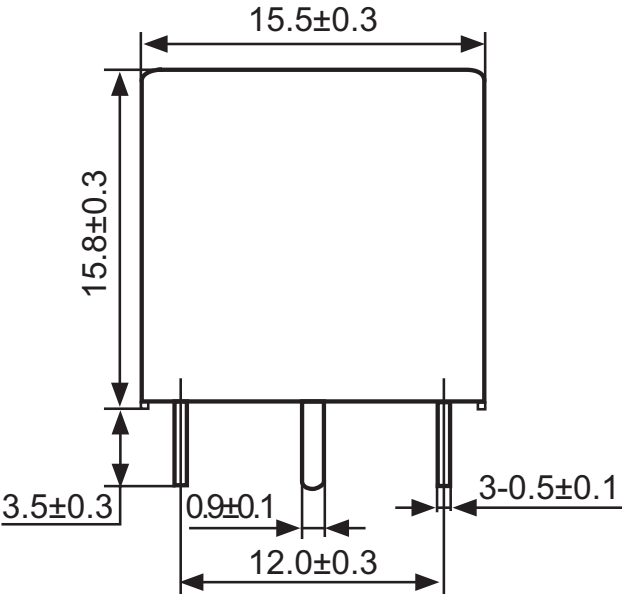
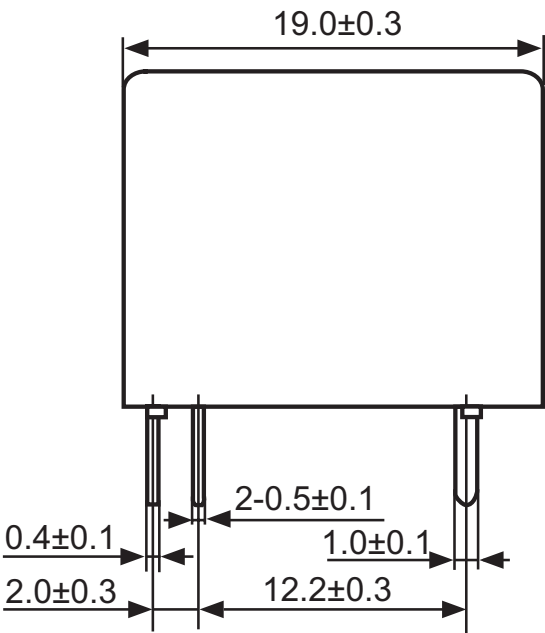
Notes: 1. All specifications are measured at 23°C unless otherwise specified.

PART NUMBER KEY

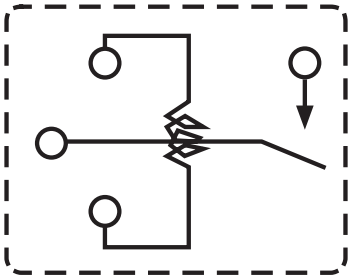
MECHANICAL DRAWING (1A = 1 FORM A)

units: mm
tolerance: ± 0.3 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	housing	PBT [UL94V-0]	black
B	terminals	copper covered steel	tin



Recommended PCB Layout
Bottom View

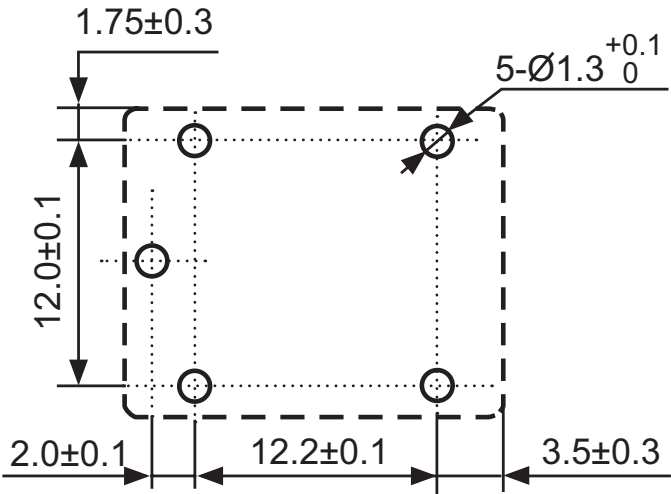
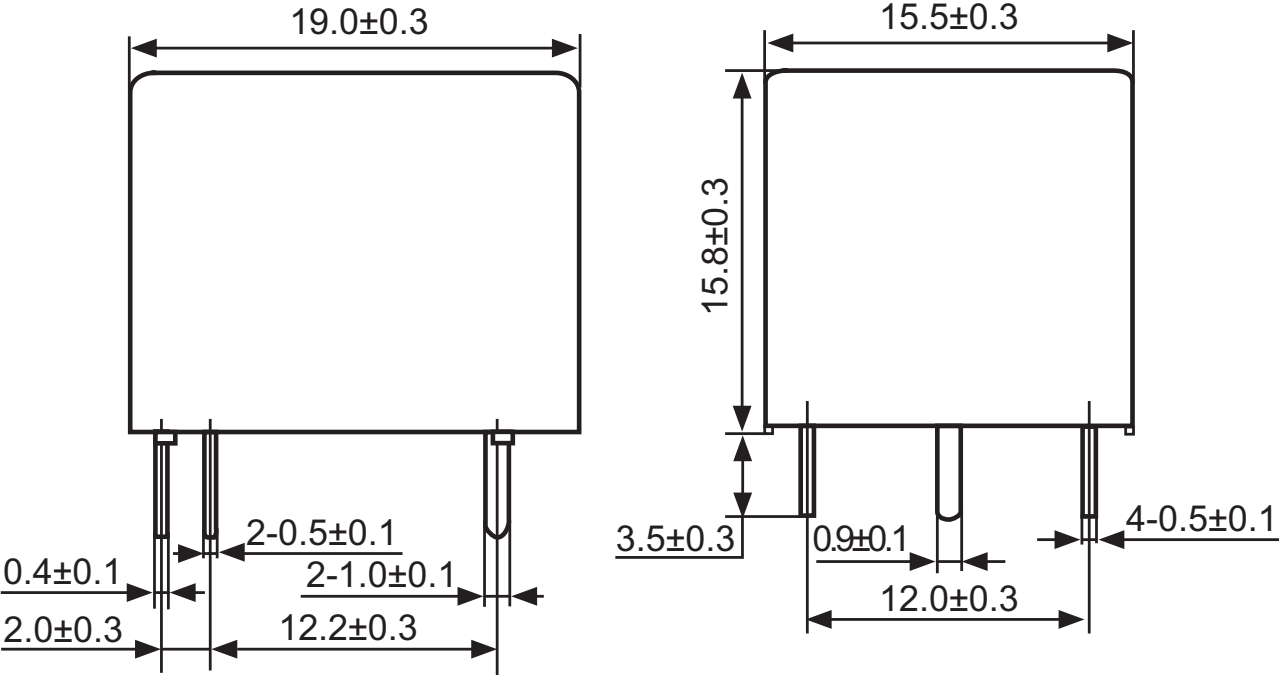


Wiring Diagram
Bottom View

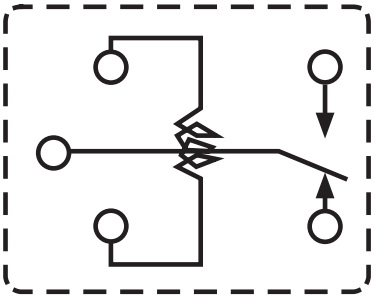
MECHANICAL DRAWING (1C = 1 FORM C)

units: mm
tolerance: ± 0.3 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	housing	PBT [UL94V-0]	black
B	terminals	copper covered steel	tin



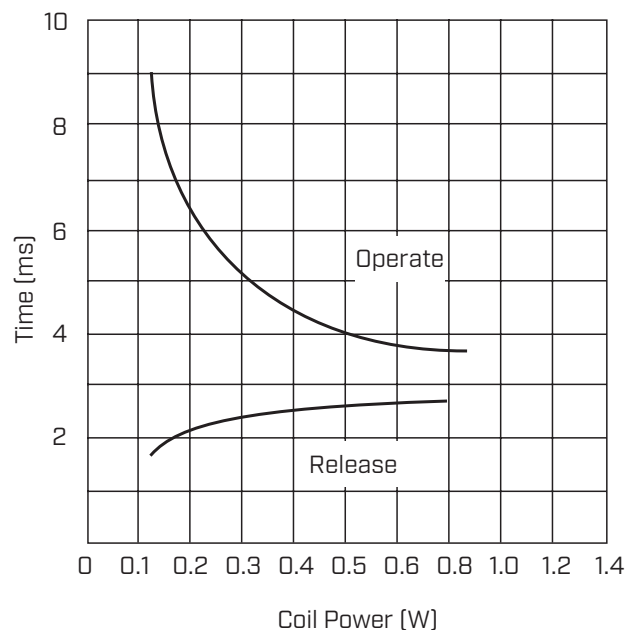
Recommended PCB Layout
Bottom View



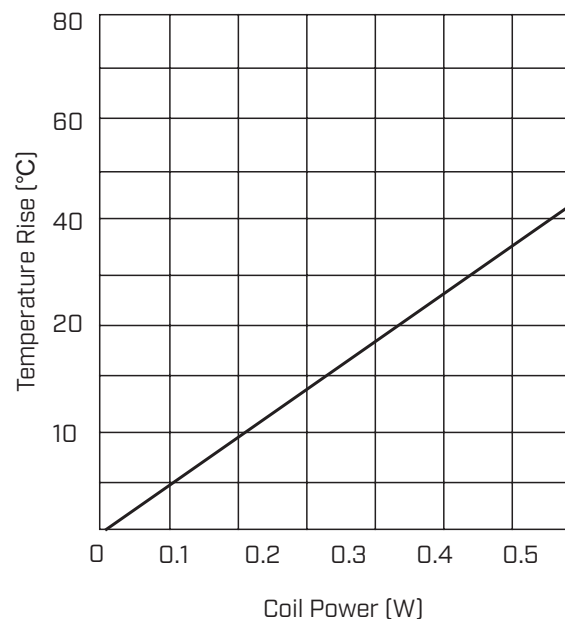
Wiring Diagram
Bottom View

CHARACTERISTIC CURVES

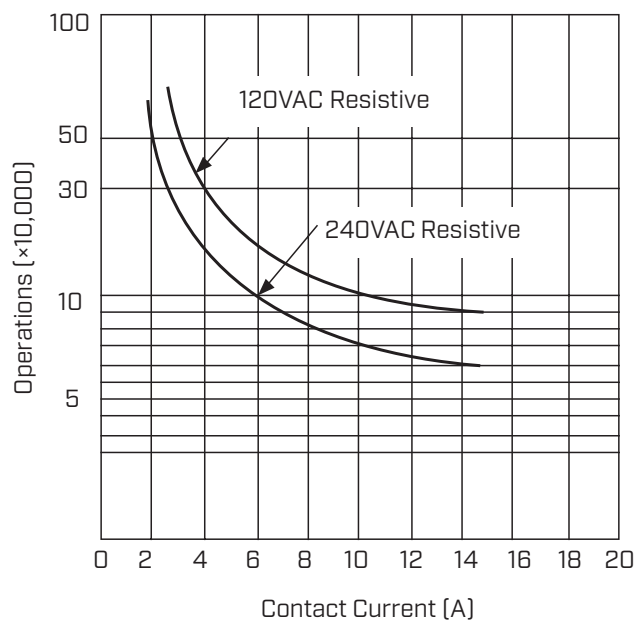
Time Curve



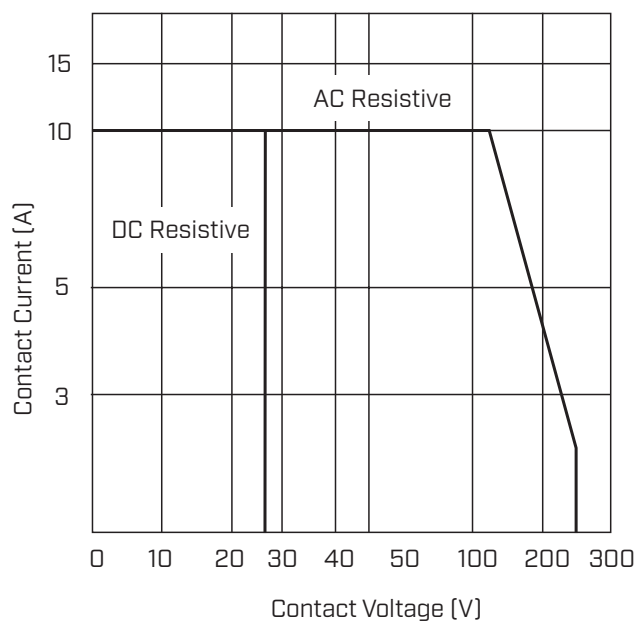
Coil Temperature Rise



Life Curve



Maximum Switching Power



REVISION HISTORY

rev.	description	date
1.0	initial release	08/08/2022
1.01	CUI Devices rebranded to Same Sky	09/12/2024

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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