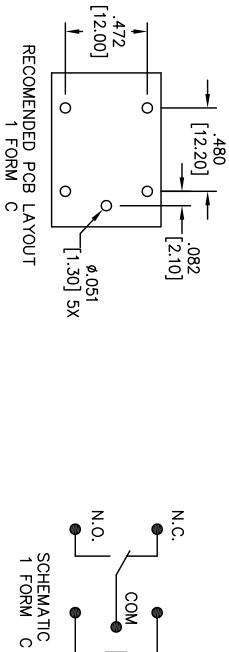
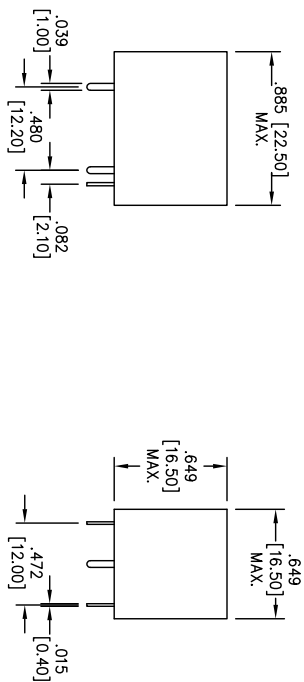


Rev	AWO #	Description	Date	Appr
-		RELEASED	7/30/07	

APPROVED: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_



Nominal Voltage V DC	Pick-up Voltage V DC (max.)	Drop-out Voltage V DC (min.)	Nominal Operating Current mA (±10%)	Coil Resistance Ω (±10%)	Nominal Operating Power mW	Max allowable Voltage V DC
5	3.5	0.5	72	69.4	360	130% of nominal Voltage
6	4.2	0.6	60	100		
12	8.4	1.2	30	400		
24	16.8	2.4	15	1,600		
48	33.6	4.8	7.5	6,400		

**SPECIFICATIONS:**

**Electrical:**

Contact arrangement: 1C  
 Contact material: Silver Alloy  
 Contact Rating (Resistive load): 7A & 10A @ 250V AC  
 10A @ 30V DC

Max. Switching Voltage: 250V AC / 30V DC

Max. Switching Power: 2500VA, 300W

Contact resistance: 50 mΩ max. Initial

Insulation resistance: 100 MΩ min. @ 500V DC

Dielectric withstanding voltage:

Between Coil & Contact: 1500V AC 50/60HZ for 1 min.

Between Contacts: 1000V AC 50/60HZ for 1 min.

Operating time: 10 ms max.

Release time: 5 ms max.

Electrical Life: 100,000 Operations (at rated load)

**Mechanical:**

Vibration resistance (Endurance): 1.5mm D.A. 10-55HZ

Shock resistance: 10G min.

Mechanical Life: 10,000,000 Operations (no load)

Terminal Strength: 500gr. for 1 Min at horizontal direction

Temperature Rating:

Ambient temperature: -45°C to +85°C

**Environmental:**

Lead free, RoHS compliant.

Recommended soldering temp: 235°C for 5 sec.

**Packaging:**

Anti-ESD plastic trays

Safety Agency Approvals:

CUL Recognized File No. E305638



UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE INCHES [MM]  
 TOLERANCES: EXCEPT AS NOTED  
 INCHES  
 HOLES  
 .X ±.10 ØXX ±.10  
 .XX ±.020 ØXXX ±.015  
 .XXX ±.015 ØXXXX ±.010

**ADAM TECH**  
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TITLE: MINIATURE POWER RELAY, 5 ~ 48V DC  
 CONTACT FOR 1C, PCB PINS, EPOXY SEALED

APPROVALS	DATE	SIZE	PART NO.	SCALE	SHEET	REV.
DRAWN	SS	7/30/07	RPS-1C-X	MTS	1 OF 1	-
CHECKED						
APPROVED						