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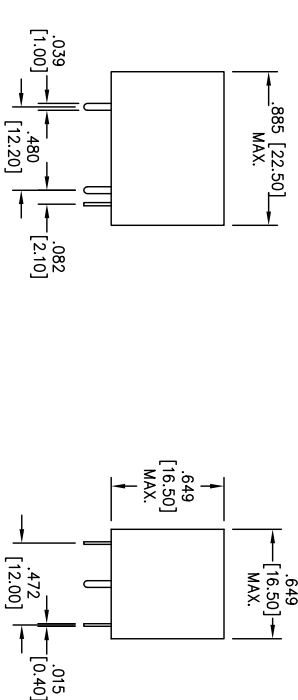
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Rev	AWO #	Description	Date	Appr
-		RELEASED	7/30/07	

APPROVED: _____

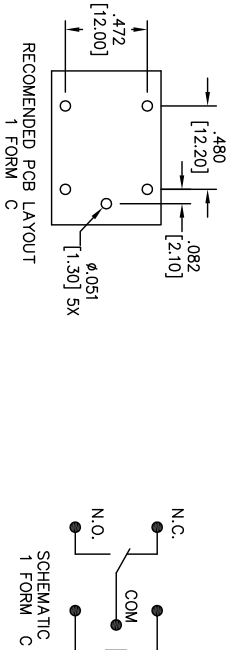
DATE: _____ TITLE: _____

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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



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%V 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	6,400	
48	33.6	4.8	7.5	6,400		

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

APPROVALS

DATE

DRAWN SS 7/30/07

CHECKED

APPROVED

TITLE

MINIATURE POWER RELAY, 5 ~ 48V DC
CONTACT FOR 1C, PCB PINS, EPOXY SEALED

SIZE PART NO.

RPS-1C-X

REV.

-

REF:

SCALE: NTS

SHEET 1 OF 1

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