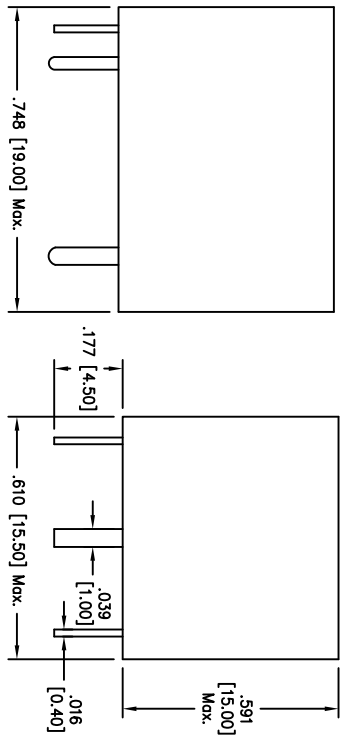
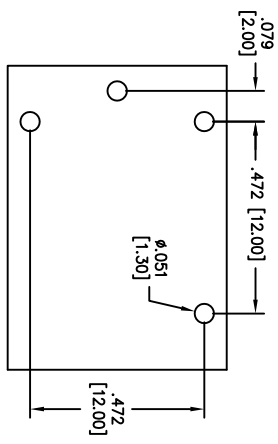


APPROVED: _____
DATE: _____ TITLE: _____

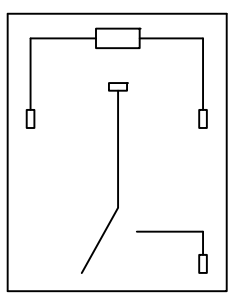
Rev	AWO #	Description	Date	Appr
-		RELEASED	10/21/10	
A		REVISED LAYOUT	11/24/10	



DRILLING PLAN
(Bottom View)



WIRING DIAGRAM
(Bottom View)



SPECIFICATIONS:

Electrical:

Contact arrangement: 1H
Contact material: AgSnO
Contact Rating (Resistive load): 10A @ 250VAC; 10A @ 28VDC
Max. Switching Voltage: 250VAC / 28VDC
Max. Operating Power: 2500VA
Contact resistance: 50 mΩ max. Initial
Insulation resistance: 100 MΩ min. @ 500V DC
Dielectric withstanding voltage:
Between Coil & Contact: 1500VAC 50/60HZ for 1 min.
Between Contacts: 1000VAC 50/60HZ for 1 min.
Operating time: 10ms max. Release time: 5ms max.
Electrical Life: 100,000 Operations (at rated load)

Mechanical:

Vibration resistance (Endurance): 1.5mm D.A. 10–55HZ
Shock resistance: Min. 10G Unerror
Mechanical Life: 10,000,000 Operations (no load)
Temperature Rating: Ambient temperature: –40°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

PART NO.	RPS-1A-12-SP-SN
Coil Rated Voltage	12VDC
Coil Rated Current	30mA
Pick-up Voltage	9VDC
Drop-out Voltage	1.2VDC
Coil Resistance	400Ω

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

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POWER RELAY, 12VDC COILS, 1A

APPROVALS		DATE
DRAWN	DY	10/21/10
CHECKED	DY	10/24/10
APPROVED		

SIZE	PART NO.	REV.
X	RPS-1A-12-SP-SN	A
REF:	S00006C	SCALE: NTS
SHEET	1 OF 1	