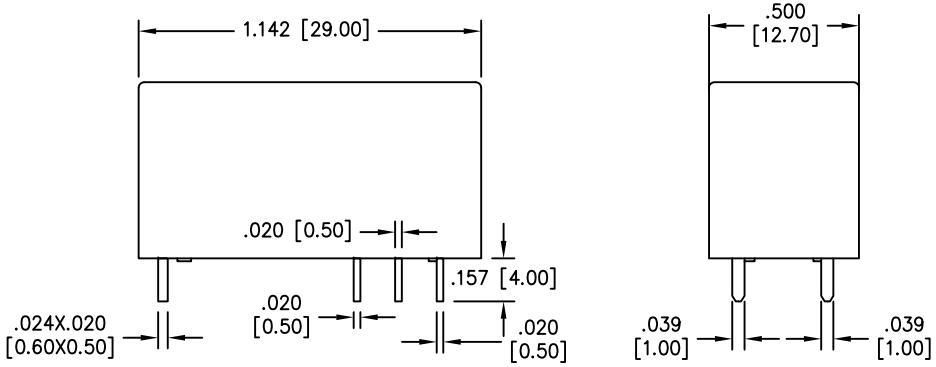
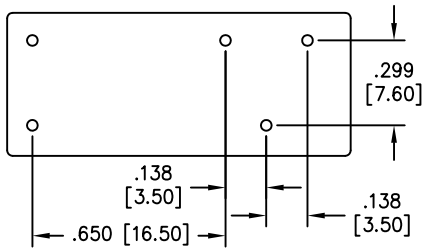
Rev	AWO #	Description	Date	Appr
-		RELEASED	12/9/10	

APPROVED: _____

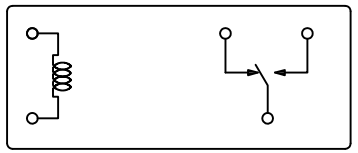
DATE: _____ TITLE: _____



DRILLING PLAN
(BOTTOM VIEW)



WIRING DIAGRAM
(BOTTOM VIEW)



SPECIFICATIONS:

Electrical:

Contact arrangement: 1 Form C
Contact material: Silver Alloy
Contact Rating (Resistive load): 12A 250VAC 12A 30VDC
Switching Voltage: 250VAC, 30VDC
Contact resistance: 50 mΩ max (initial)
Insulation resistance: 1000 MΩ min. @ 500V DC
Dielectric withstanding voltage:
Between Coil & Contact: 5000V AC 50/60HZ for 1 min.
Between Contacts: 1000V AC 50/60HZ for 1 min.
Operating time: 15ms max. Release time: 10ms 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 minute at horizontal direction
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.	RPG–1C–P–12
Rated Voltage (V DC)	12VDC
Power consumption (W)	0.25W
Maximum voltage	250VAC Max.
Must Drop–out Voltage	1.2 VDC Min.
Must Operate Voltage	9VDC Max.
Coil Resistance	576Ω

RoHS COMPLIANT

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	AY	12/9/10
CHECKED	AW	12/9/10
APPROVED		

ADAM TECH
909 Rahway Avenue, Union, NJ 07083
Phone: 908-687-5000 Fax: 908-687-5710

TITLE
POWER RELAY, 12VDC , 1 FORM C, PCB

SIZE	PART NO.	REV.
X	RPG-1C-P-12	-

REF: S00006C | SCALE: NTS | SHEET 1 OF 1