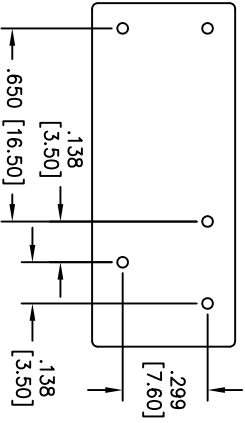
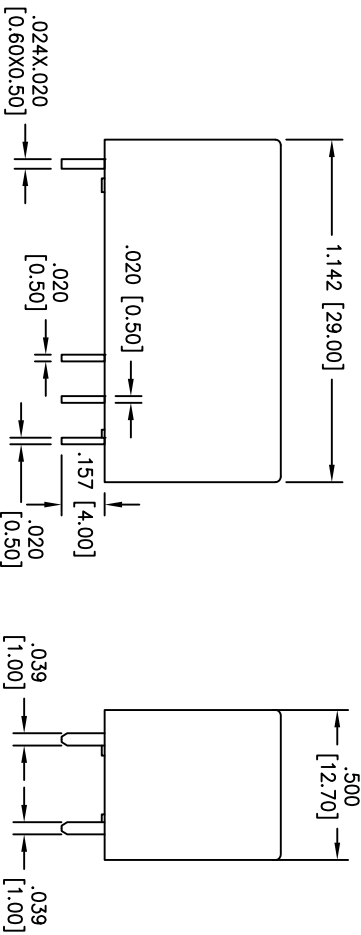
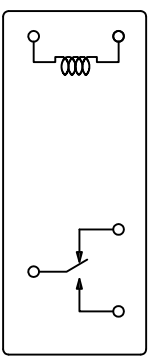


Rev	AWO #	Description	Date	Appr
-		RELEASED	12/9/10	

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.	PPG-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

**ADAM TECH**

909 Ratway Avenue, Union, NJ 07083  
 Phone: 908-687-5000 Fax: 908-687-5710

POWER RELAY, 12VDC, 1 FORM C, PCB

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]		TITLE	
TOLERANCES: EXCEPT AS NOTED		POWER RELAY, 12VDC, 1 FORM C, PCB	
INCHES		Holes	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XXX	± .015
.XXX	± .015	Ø.XXXX	± .010
APPROVALS		DATE	
DRAWN	AY	12/9/10	
CHECKED	AW	12/9/10	
APPROVED			
SIZE	PART NO.	SCALE	REV.
X	PPG-1C-P-12	SCALE: NTS	
REF: S00006C			

