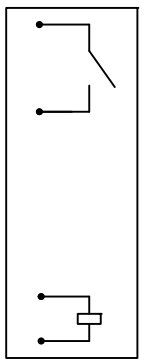
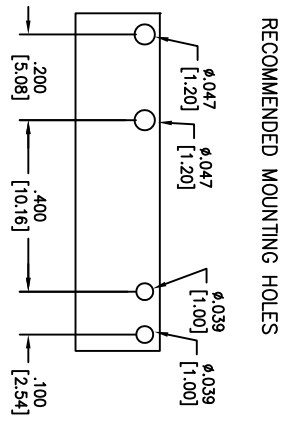
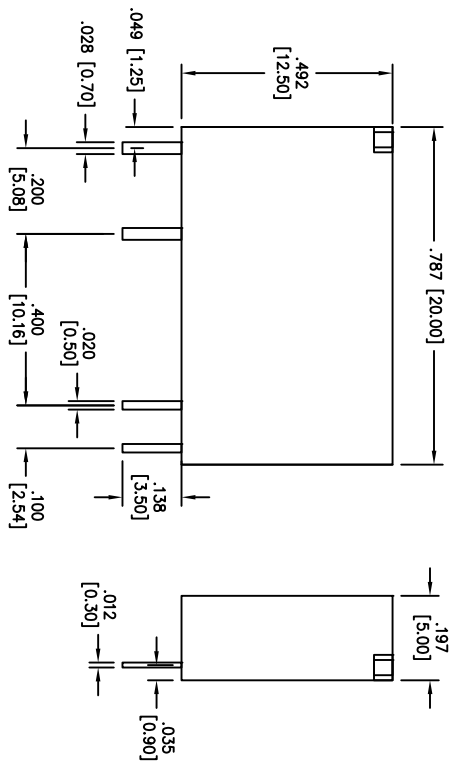


Rev	AWO #	Description	Date	Appr
-		RELEASED	9/14/10	

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



WIRING DIAGRAM  
(Bottom View)

1 FORM A

PART NO.	Rated Voltage	Rated Current	Coil Resistance	Must Operate Voltage	Must Dropout Voltage	Max Voltage	Power Consumption
RMS-1A-5-P-5-SF	5VDC	24mA	208Ω				
RMS-1A-5-P-6-SF	6VDC	20mA	300Ω				
RMS-1A-5-P-9-SF	9VDC	13.3mA	675Ω	70 Max.	5 Min.	120	0.12W Approx 0.18W Approx For 24VDC
RMS-1A-5-P-12-SF	12VDC	10mA	1200Ω				
RMS-1A-5-P-18-SF	18VDC	6.7mA	2700Ω				
RMS-1A-5-P-24-SF	24VDC	7.5mA	3200Ω				

**SPECIFICATIONS:**

**Electrical:**

Contact arrangement: SPST (1FormA)  
 Contact material: Silver Alloy  
 Contact Rating (Resistive load): 5A 250VAC/30V DC  
 Max. Switching Voltage: AC250/DC30V MAX.  
 Max. Switching Power: 1250VA/150W  
 Contact resistance: 100 mΩ MAX. @1A 6VDC  
 Insulation resistance: 1000 MΩ min. @ 500V DC  
 Dielectric Strength:

Between open contact: 1000VAC (50Hz/min)  
 Between Coil & Contact: 2000VAC (50Hz/min)  
 Surge Voltage: 4000V (1.2X50us)  
 Operating time: 10ms max. Release time: 5ms max.  
 Electrical Life: 10,000  
 Mechanical:

Vibration resistance (Endurance): 1.5mm D.A. 10-55Hz  
 Mechanical Life: 20,000,000  
 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

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

**ADAM TECH**

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

RELAY, 5A, 1 FORM A

APPROVALS	DATE
DRAWN DY	9/14/10
CHECKED	
APPROVED	

SIZE	PART NO.	REV.
X	RMS-1A-5-P-X-SF	-

REF: S00027C SCALE: NTS SHEET 1 OF 1



6

5

4

3

2

1