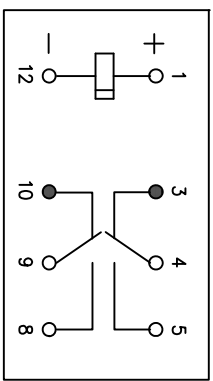
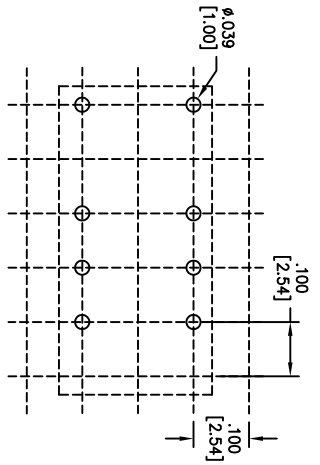
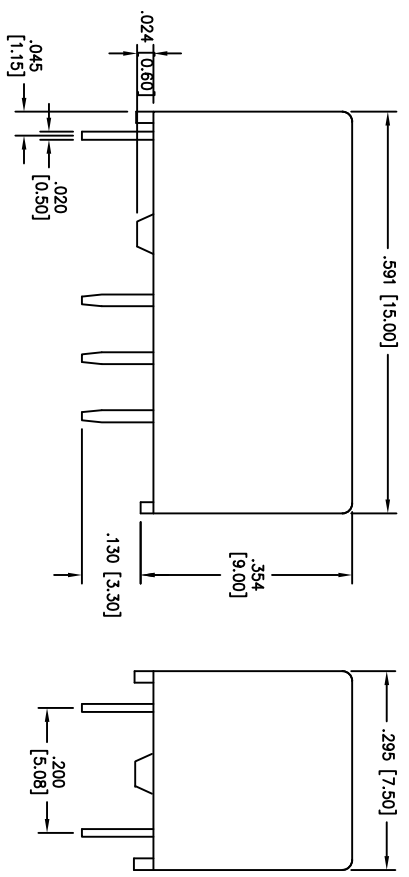


Rev	AWO #	Description	Date	Appr
-		RELEASED	9/02/09	

APPROVED: _____ TITLE: _____
 DATE: _____



RECOMMENDED PCB LAYOUT
(Bottom View)

WIRING DIAGRAM
(Bottom View)

SPECIFICATIONS:

Electrical:

- Contact arrangement: 2C
- Contact material: AgNi+Au plated
- Contact Rating (Resistive load): 2A @ 30V AC 0.5A @ 125V DC
- Max. Switching Voltage: 250V AC / 220V DC
- Max. Switching Power: 62.5VA / 60W
- Contact resistance: 50 mΩ (at 0.1A 6VDC)
- Insulation resistance: 1000 MΩ min. @ 500V DC
- Dielectric strength:
 - Between Coil & Contact: 2000VAC for 1 minute.
 - Between Open contacts: 1000VAC for 1 minute.
 - Between Contact sets: 1500V AC for 1 minute.
- Operating time: 4ms max. Release time: 4ms max.
- Electrical endurance: 5x100,000 OPS (at 1A30VDC)
 1x100,000 OPS (at 2A30VDC)
 1x100,000 OPS (at 0.5A125VDC)

Mechanical:

- Vibration resistance: (Functional) 3.3mm DA 10-55HZ
(Destructive) 5.0mm DA 10-55HZ
- Shock resistance: (Functional) 735 m/s²
(Destructive) 980 m/s²
- Mechanical endurance: 100,000,000 OPS
- 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.	RTS-12
Nominal Voltage	12VDC
Pick-up Voltage	9VDC
Drop-out Voltage	1.2VDC
Coil Resistance	1028Ω
Nominal Power	140 mW
Max. Allowable Voltage	18 VDC

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

APPROVALS	DATE
DRAWN DY	9/02/09
CHECKED	
APPROVED	

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

TITLE: SIGNAL RELAY, 2C, 12VDC COIL VOLTAGE

SIZE	PART NO.	SCALE	SHEET	REV.
X	RTS-12	NIS	1 OF 1	-

6 5 4 3 2 1



REF: S00032C