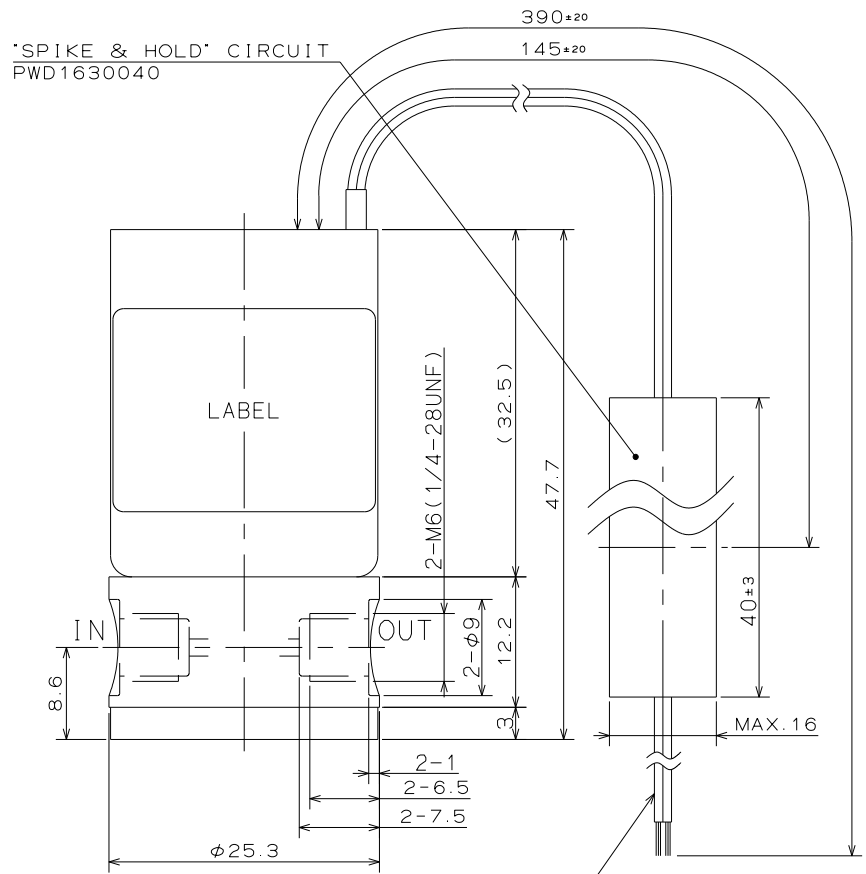


FOR REFERENCE ONLY

# SOLENOID VALVE

## SPECIFICATIONS FOR MODEL MTV-2A-M6(1/4U)GHT

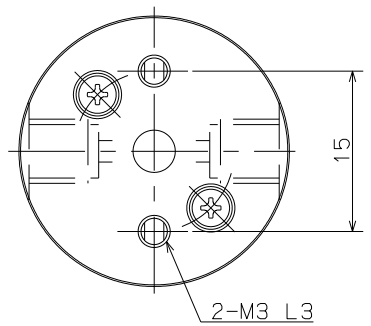


- ORIFICE DIAMETER : 1.6mm
- PORT CONNECTION : M6, 1/4-28UNF
- OPERATING PRESSURE RANGE : IN 0 ~ 1500kPa (0 ~ 15bar)
- OUT 0 ~ 100kPa (0 ~ 1bar)
- FLUID MEDIA : FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
- MEDIA TEMPERATURE RANGE : 5 ~ 175°C
- AMBIENT TEMPERATURE RANGE : 5 ~ 40°C
- RATED VOLTAGE : 12VDC, 24VDC
- POWER CONSUMPTION : 17.6W(INRUSH)\* 2.9W(HOLDING)
- DUTY CYCLE : CONTINUOUS
- INSULATION CLASS : CLASS H
- DIELECTRIC STRENGTH : 1500VAC FOR 60s

NOTE  
 A) THIS PRODUCT CARRIES A CIRCUIT THAT CONTROLS THE VOLTAGE BY TIMER. IT IS NOT RECOMMENDABLE TO RUN THE ON/OFF CYCLES AT OVER 0.5Hz(DUTY CYCLE 40%). THE LEAD WIRES SHOULD BE CONNECTED IN ORDER TO OPERATE THE VALVE PROPERLY : THE RED LEAD TO POSITIVE AND THE BLACK LEAD TO NEGATIVE.

\*: INRUSH TIME IS 300ms±10% FROM ENERGIZING

- B) PLEASE TEST THE PRODUCT THOROUGHLY BEFORE THE INSTALLATION.
- C) PLEASE USE THE 'SPIKE & HOLD' CIRCUIT AT LESS THAN 70°C AMBIENT TEMPERATURE.



LEADS(CROSS-LINKED PVC INSULATED WIRES)  
 UL1430 AWG24  
 LEAD COLORS  
 ⊙ RED ⊙ BLACK

MODEL NUMBER	PORT CONNECTION
MTV-2A-M6GHT	M6
MTV-2A-1/4UGHT	1/4-28UNF

### WETTED MATERIALS

△								
△			3	DIAPHRAGM	PFA		1	
△			2	SOFT SEAL	DAIEL™ PERFLUOR		1	
SYM.	DATE	DESCRIPTION	1	VALVE BODY	PFA		1	
REVISION			PART NO.	PART NAME	MATERIAL	REQD.	NOTE	
SCALE	APPROVED	CHECKED	DRAWN	SOLENOID VALVE		DRAWING NO		
2/1		A. Tada	yy	MTV-2A-M6(1/4U)GHT		17223-00-S		
A 3		T. Sakurai	J. Yamada					