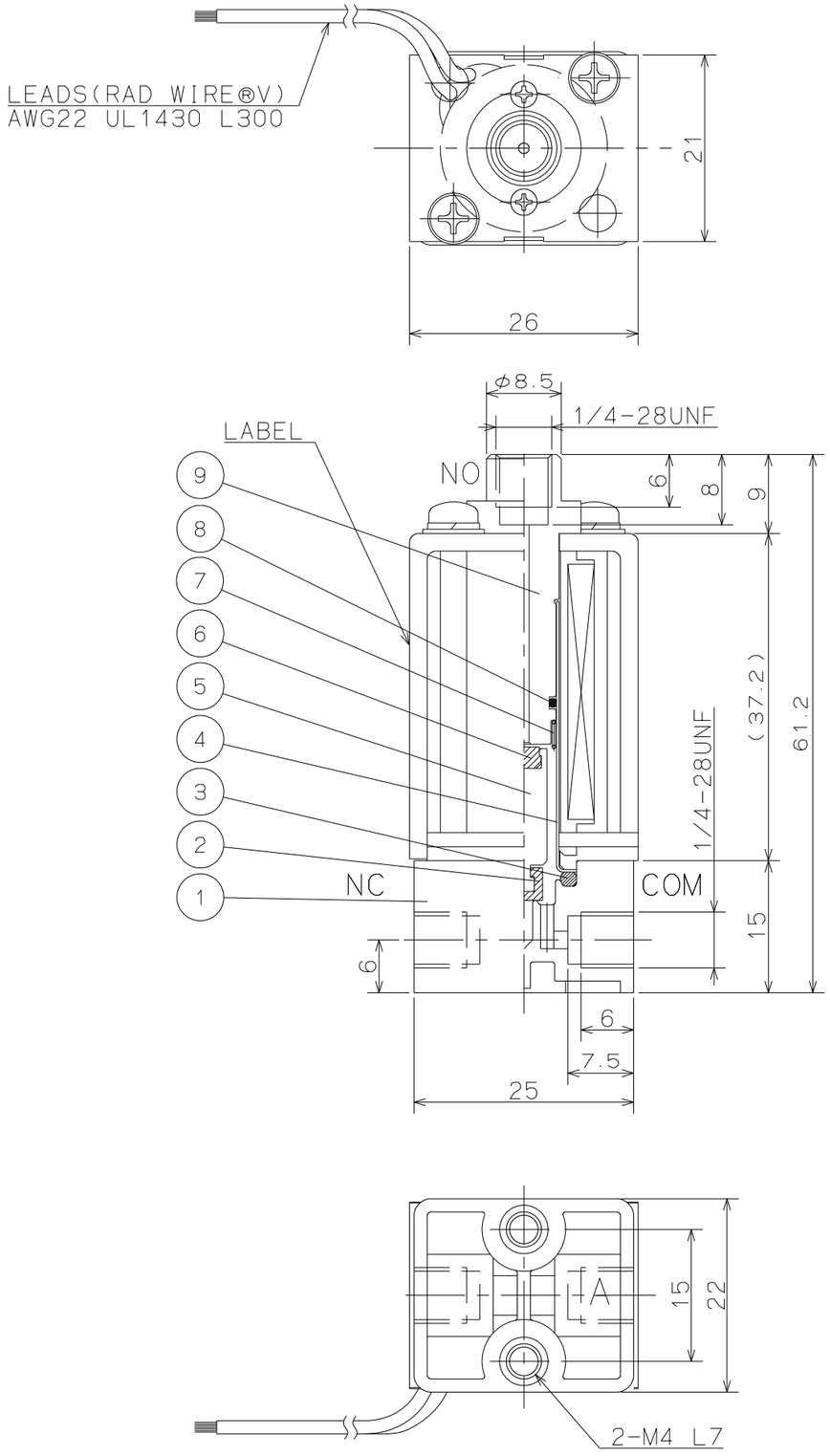
FOR REFERENCE ONLY



SOLENOID VALVE

SPECIFICATIONS for MODEL UDV-3R-1/4UF-3

ORIFICE DIAMETER	:	1.2mm(NO) 1.5mm(NC)
PORT CONNECTION	:	1/4-28UNF
OPERATING PRESSURE RANGE	:	COM 0 ~ 300kPa {0 ~ 3bar}
		NC、NO -50 ~ 50kPa {-375mmHg ~ 0.5bar}
FLUID MEDIA	:	FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
MEDIA TEMPERATURE RANGE	:	5 ~ 40℃
AMBIENT TEMPERATURE RANGE	:	5 ~ 40℃
RATED VOLTAGE	:	12VDC
POWER CONSUMPTION	:	3.7W
DUTY CYCLE	:	CONTINUOUS
COIL TEMPERATURE INCREASE	:	MAX.65℃ FROM ROOM TEMPERATURE
INSULATION CLASS	:	CLASS E
DIELECTRIC STRENGTH	:	1500VAC FOR 60s

WETTED MATERIALS

PART NO	PART NAME	MATERIAL	REQD.	NOTE
9	POLE PIECE	SHOMAC	1	
8	O-RING	FPM	1	SS-055
7	SPRING	SUS316WPA	1	
6	SEAT(NO)	FPM	1	
5	PLUNGER	SHOMAC	1	
4	PACKLESS PIPE	SUS304	1	
3	O-RING	FPM	1	P9
2	SEAL	FPM	1	
1	VALVE BODY	PPS	1	

SYM.	DATE	DESCRIPTION
△		
△		
△		

REVISION

SCALE	APPROVED	CHECKED	DRAWN
3/2			
A 3			

SOLENOID VALVE
UDV-3R-1/4UF-3

DRAWING NO
13334-00-E

TAKASAGO ELECTRIC, INC.
MIDORIKU, NAGOYA, JAPAN

2013-11- 5