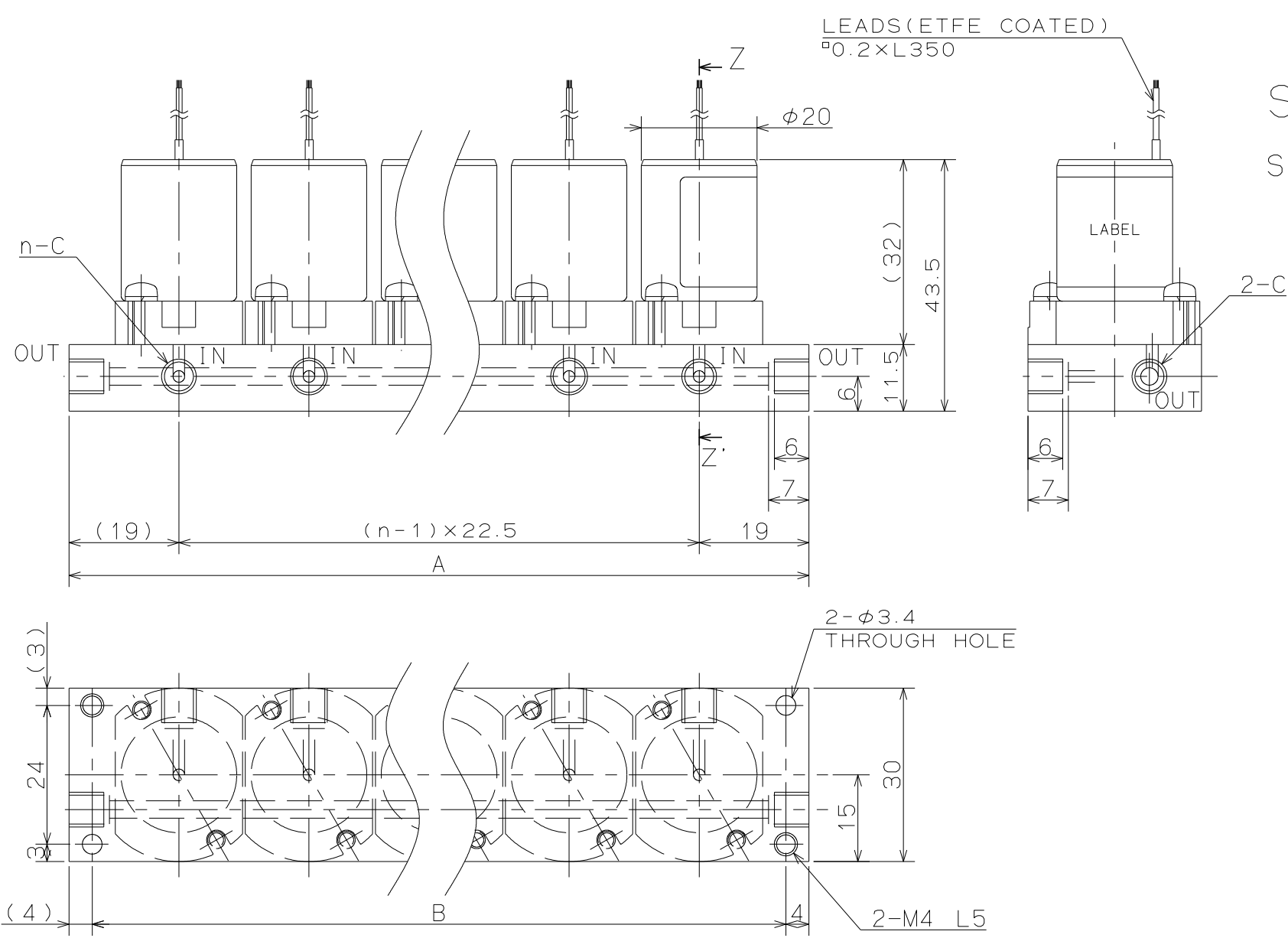


FOR REFERENCE ONLY

SOLENOID VALVE

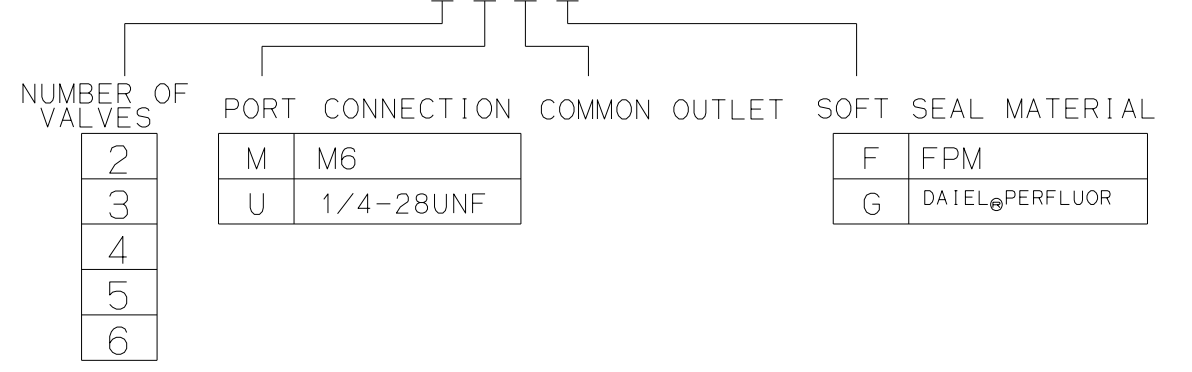
SPECIFICATIONS for MODEL STV-2K-XXOX

- ORIFICE DIAMETER : 1.2mm
- PORT CONNECTION : M6, 1/4-28UNF
- OPERATING PRESSURE RANGE : IN -50 ~ 200kPa
{-375mmHg ~ 2bar}
- OUT 0 ~ 50kPa
{0 ~ 0.5bar}
- FLUID MEDIA : FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
- MEDIA TEMPERATURE RANGE : 5 ~ 50°C
- AMBIENT TEMPERATURE RANGE : 5 ~ 50°C
- RATED VOLTAGE : 12VDC, 24VDC
- POWER CONSUMPTION : 2.5W×n
- DUTY CYCLE : CONTINUOUS
- COIL TEMPERATURE INCREASE : MAX. 80°C FROM ROOM TEMPERATURE
- INSULATION CLASS : CLASS B
- DIELECTRIC STRENGTH : 1500VAC FOR 60s



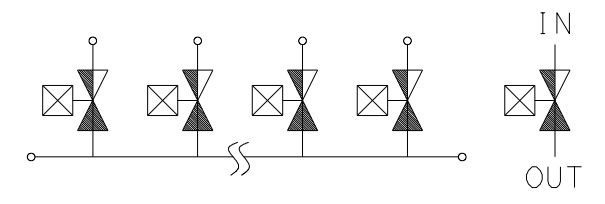
NOTES

STV-2K-XXOX



DIMENSION TABLE

| n (NUMBER OF VALVES) | DIMENSIONS | | |
|-------------------------|------------|-------|---------------|
| | A | B | C |
| 2 | 60.5 | 52.5 | M6, 1/4-28UNF |
| 3 | 83.0 | 75.0 | M6, 1/4-28UNF |
| 4 | 105.5 | 97.5 | M6, 1/4-28UNF |
| 5 | 128.0 | 120.0 | M6, 1/4-28UNF |
| 6 | 150.5 | 142.5 | M6, 1/4-28UNF |



FLOW DIAGRAM

WETTED MATERIALS

| PART NAME | MATERIAL | REQD. | NOTE |
|----------------|--------------------|-------|------|
| DIAPHRAGM | PTFE | n | |
| SOFT SEAL | FPM/DAIEL@PERFLUOR | n | |
| VALVE BODY | PEEK | n | |
| O RING | FPM/DAIEL@PERFLUOR | 2n | |
| MANIFLOD | PEEK | 1 | |
| SOLENOID VALVE | | | |
| STV-2K-XXOX | | | |