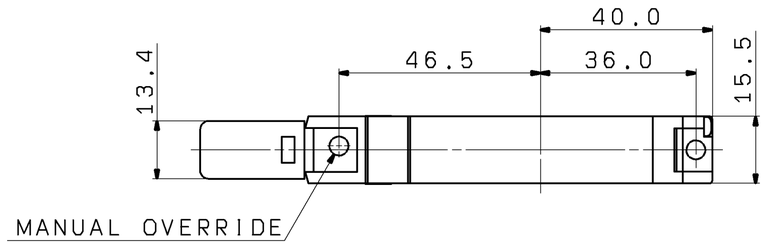
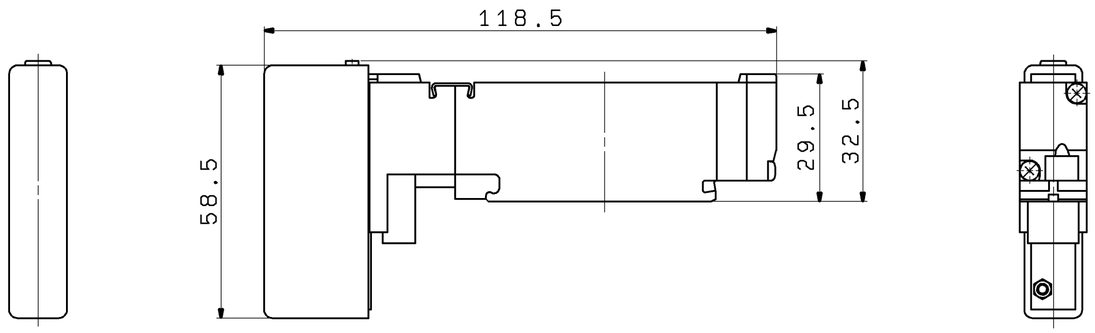
DWG NO | Ⓐ VQC2[1,2]3[4,5]01NR-5-X27 | 4

MODEL No.
VQC2※01NR-5-X27
TYPE OF ACTUATION
1 :SINGLE SOLENOID
2 :DOUBLE SOLENOID
3 :CLOSED CENTER
4 :EXHAUST CENTER
5 :PRESSURE CENTER

CE
We hereby declare that this product conforms with following directives
EMC Directive 2004/108/EC
The relevant technical files are available.





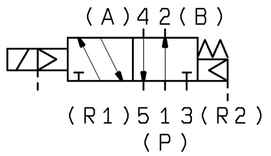
⚠SPECIFICATIONS

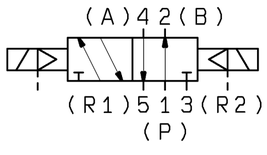
VALVE	VALVE TYPE	5-PORT SOLENOID VALVE	
	VALVE CONSTRUCTION	RUBBER SEAL	
	FLUID	AIR/INERT GAS	
	OPERATING PRESSURE RANGE	VACUUM TO 0.7MPa	
	EXTERNAL PILOT PRESSURE RANGE	SINGLE	0.25 TO 0.7MPa
		DOUBLE	0.1 TO 0.7MPa
		3 POSITION	0.25 TO 0.7MPa
	AMBIENT&OPERATING FLUID TEMPERATURE	-10 TO 50°C(NON FREEZE)	
SOLENOID	COIL RATED VOLTAGE	24V DC	
	ALLOWABLE VOLTAGE FLUCTUATION	-10 TO 10% OF RATED VOLTAGE	
	COIL INSULATION TYPE	EQUIVALENT TO B TYPE	
	POWER CONSUMPTION (CURRENT)	0.4W DC(17mA)	

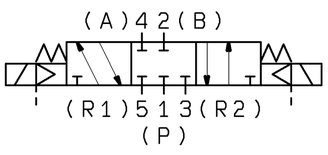
SPECIAL REQUIREMENT
1.NEGATIVE COM.
2.EXTERNAL PILOT TYPE.
3.SPECIAL PILOT VALVE COVER.(COLOR:RED)

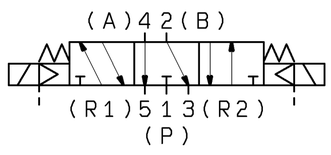
NOTES
1.THIS DRAWING SHOWS THE CASE OF "VQC2※01NR-5-X27".
2.WHEN THE PILOT AIR SUPPLY IS CUT, THE MAIN VALVE RETURNS TO THE ORIGINAL POSITION. (OFF POSITION FOR SINGLE TYPE, CENTER FOR 3 POSITION TYPE.)
3.DIMENSIONS ARE IN MILLIMETERS.

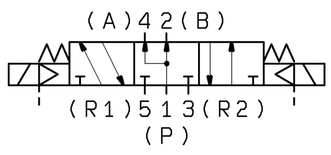
SYMBOL

<VQC2101>


<VQC2201>


<VQC2301>


<VQC2401>


<VQC2501>


REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO
4	1	MODIFY	2010-10-07	M.YOSHIDA	VQC2000V-DMP0003
3	1	RENEWAL	2010-10-07	K.MATSUDA	VQC2000V-DMO0001
2	1	SPECIFICATION ADDITION	2010-01-06	T.MORI	VQC2000-DMN1267
1	1	NOTE ADDITION	2009-09-25	T.MORI	VQC2000-DMN0887
0	-	INITIAL RELEASE	2009-09-04	T.MORI	-

FINISH
PAINT
PACKING
MATERIAL
MATERIAL SIZE

MODEL | QTY
THIRD ANGLE

TOLERANCES JIS B 0405

RANGE(mm)	GRADE f ±	m ±	c ±
0.5≦D≦3	0.05	0.1	0.2
3<D≦6	0.05	0.1	0.3
6<D≦30	0.1	0.2	0.5
30<D≦120	0.15	0.3	0.8
120<D≦400	0.2	0.5	1.2
400<D≦1000	0.3	0.8	2
1000<D≦2000	0.5	1.2	3

DRAWN DATE
DESIGNED M.YOSHIDA DATE 2011-09-16
CHECKED DATE
APPROVED R.KANEKO DATE 2011-09-20

SCALE FREE
DWG NAME 5 PORT SOLENOID VALVE
DWG NO Ⓐ VQC2[1,2]3[4,5]01NR-5-X27
REVISION 4

FINISH:表面処理 / PAINT:塗装 / PACKING:包装区分
MATERIAL:材質 / MATERIAL SIZE:材料寸法

VQC2000V-PMO5009 | DWG NAME PILOT VALVE:V100 SERIES | DWG REC 3 RENEWAL | DWG ID BA22026307 | SMC Corporation

G
ST
A2-V05