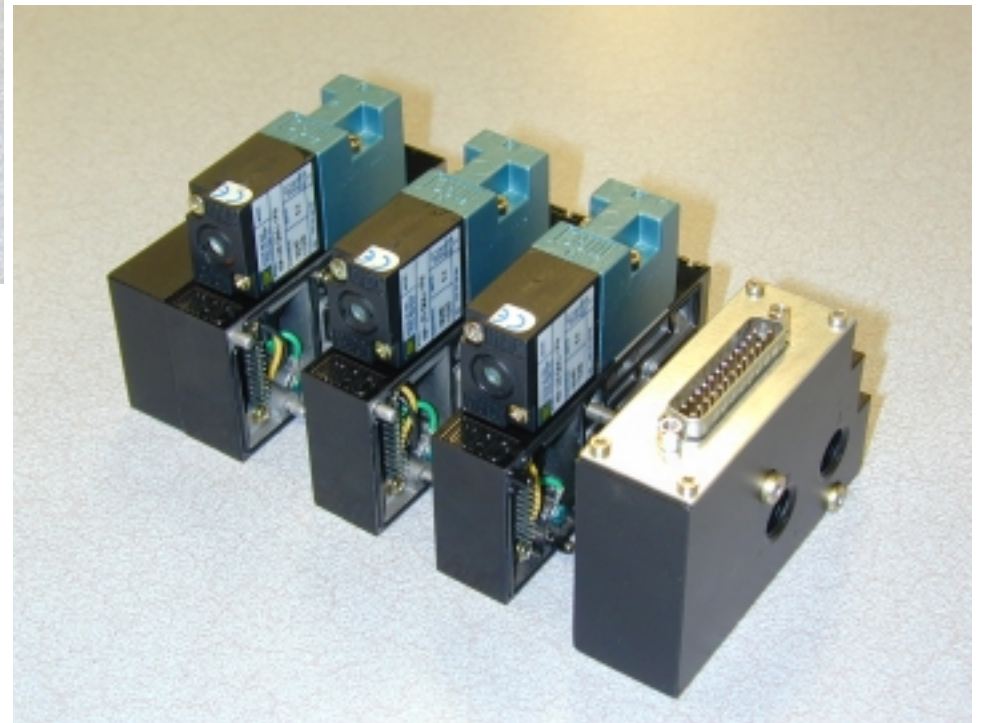
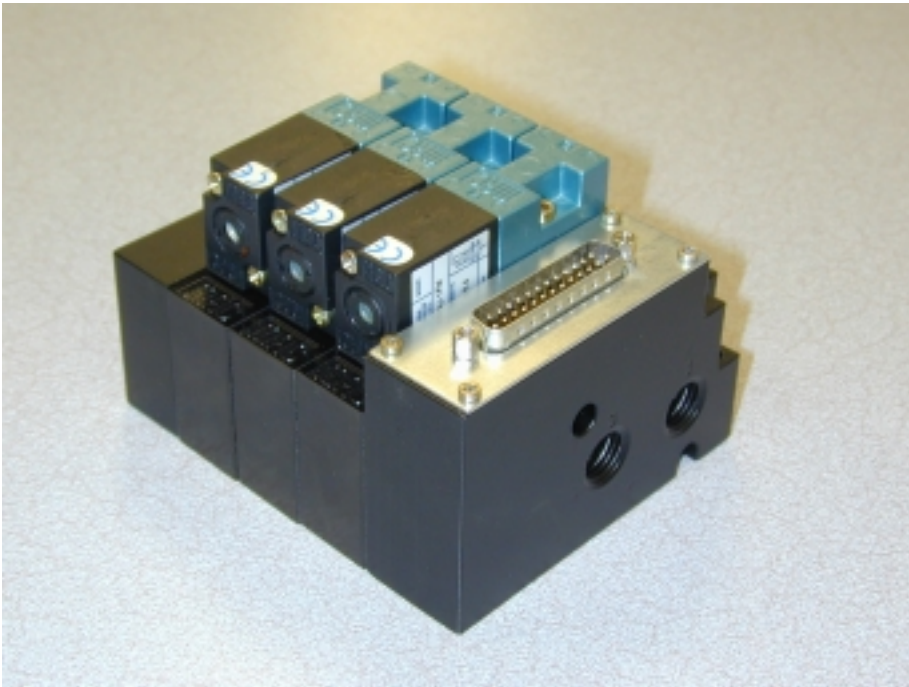


# 45 Series MAConnect™



# Specifications

## 45 Series Valve

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**Fluids:**

Compressed Air or Inert Gases

**Lubrication:**

Not required. If used, select a medium aniline point lubricant (between 180°F and 210°F)

**Safe Operating Temperature Range:**

0°F to 120°F (-18°C to 50° C)

**Pressure Range:**

Vacuum to 120 PSI

**Electrical:**

DC 12/24 Volt 1.8w to 5.4w

AC 24, 120, 220, 240VAC

Maximum Coil Amperage - 250mA

Maximum Voltage - 240VAC

Dielectric Strength in Excess of 2000 Volts.

Recommended Mating Sub-D Cable Specifications

3 Amp Current Rating per Conductor

300 Volt RMS, 105°C Insulation

### Amp CPC Connector Specifications

Receptacle: (Mounted in MACConnect™ adapter block)

- Series 1 Amp CPC Connector
- Shell size 23
- 24 Male pins (1.57mm diameter)
- Five key configuration

Recommended Plug:

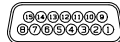
- Amp part number 206837-1
- 5 key configuration
- Recommended receptacle contacts are size 16 type III+ (Accepts pin dia. 1.57mm)

Additional information can be obtained from Amp Catalog 82021



PIN #	SOLENOID #
1	1
2	2
/	/
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON
25	+ COMMON

25 PIN SUB-D



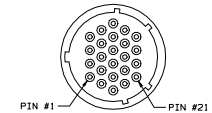
PIN #	SOLENOID #
1	1
2	2
/	/
13	13
14	+ COMMON
15	+ COMMON

15 PIN SUB-D



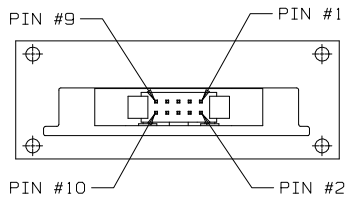
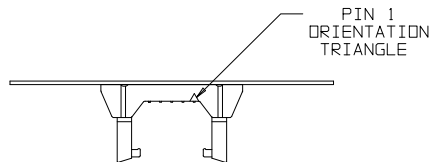
PIN #	SOLENOID #
1	1
2	2
/	/
8	8
9	+ COMMON

9 PIN SUB-D



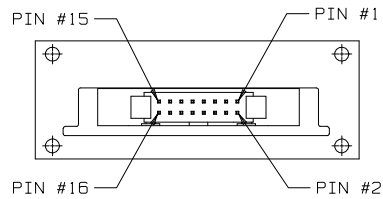
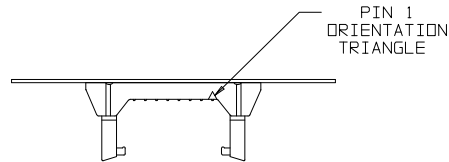
PIN #	SOLENOID #
1	1
2	2
/	/
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON

24 PIN AMP CPC



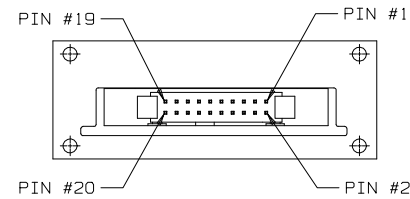
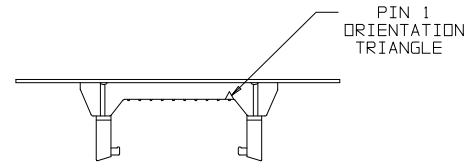
PIN #	SOLENOID #
1	1
2	2
/	/
8	8
9	+ COMMON
10	+ COMMON

10 PIN



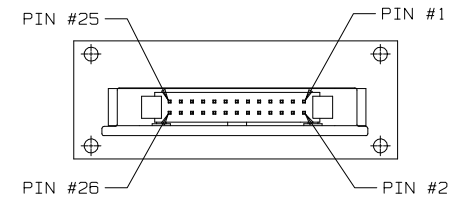
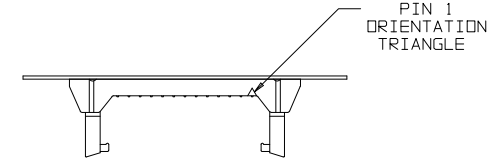
PIN #	SOLENOID #
1	1
2	2
/	/
12	12
13	+ COMMON
14	+ COMMON
15	+ COMMON
16	+ COMMON

16 PIN



PIN #	SOLENOID #
1	1
2	2
/	/
16	16
17	+ COMMON
18	+ COMMON
19	+ COMMON
20	+ COMMON

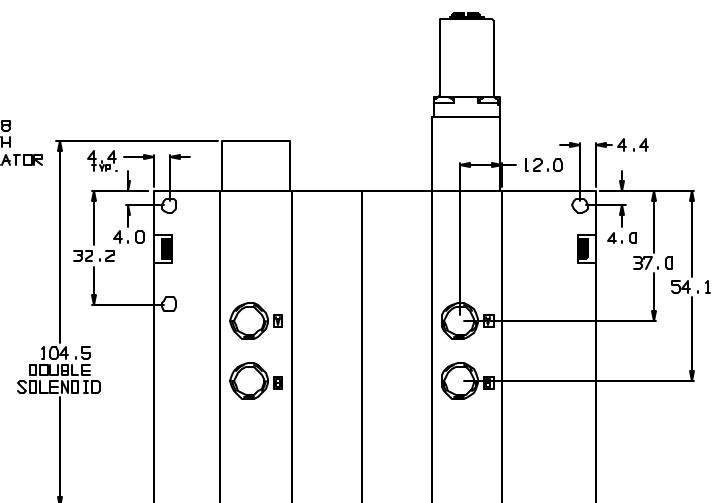
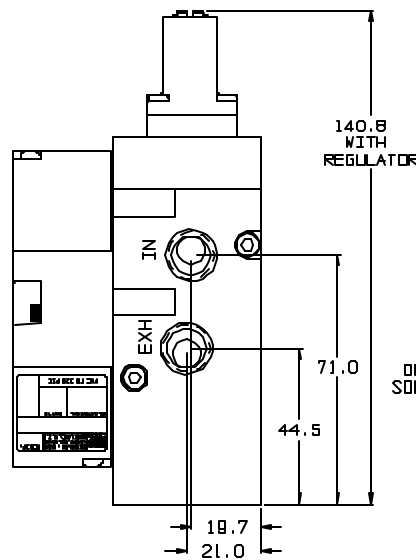
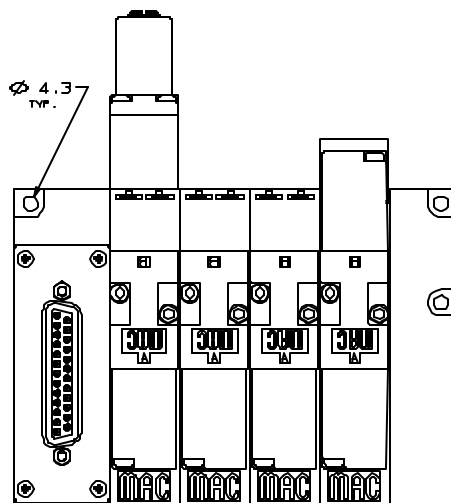
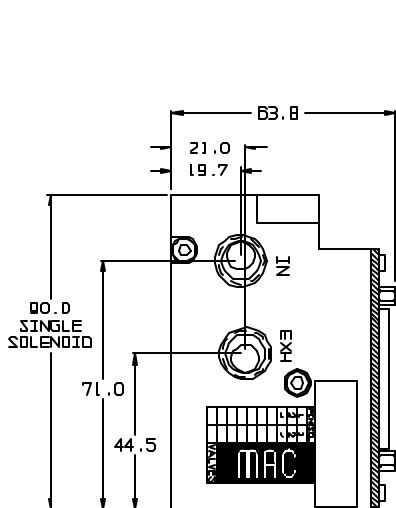
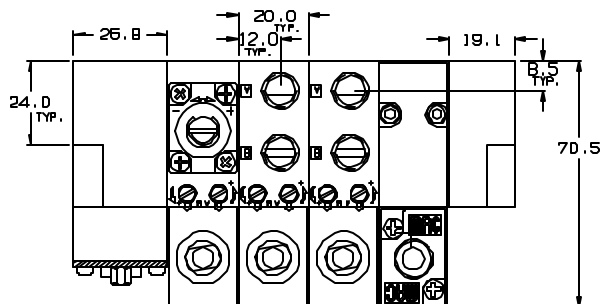
20 PIN



PIN #	SOLENOID #
1	1
2	2
/	/
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON
25	+ COMMON
26	+ COMMON

26 PIN

## 45 SERIES MACONNECT WITH SUB-D, REGULATOR AND FLOW CONTROLS



ALL DIMENSIONS SHOWN  
ARE IN MILLIMETERS  
TOLERANCES IN DIMENSIONS ± 0.2