

# 46 Series MAConnect<sup>®</sup>



# Specifications

## 46 Series Valve

---

**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 100 PSI

**Electrical:**

DC 12/24 Volt 1.3w to 5.4w

AC 24, 120VAC

Maximum Coil Amperage - 250mA

Maximum Voltage - 120VAC

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:

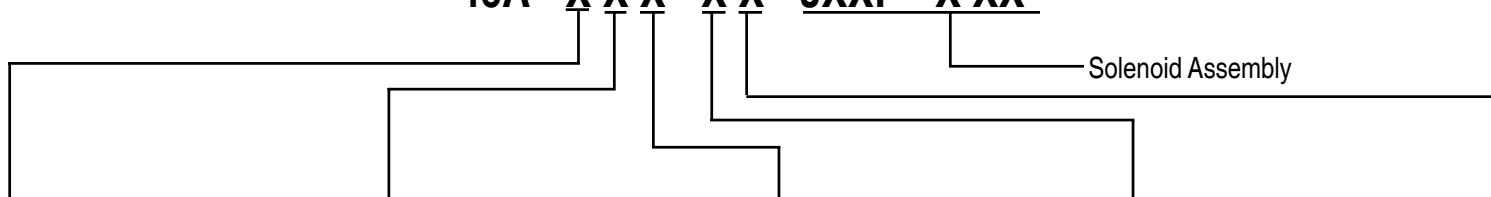
- Amp part number 206837-1
- 5 key configuration
- Recommended receptacle contacts are size 16 type III+ (Accepts pin dia. 1.57mm)

Additional information can be obtained from Amp Catalog 82021

# How To Order

## 46 Series MAConnect™

46A - X X X - X X - JXXP - X XX



<b>Body Type</b>		<b>Commons</b>		<b>Port Size and Thread Type</b>		<b>Base Electrical</b>		<b>Configuration</b>	
0	Base Only No Valve	0	Valve Only	0	Valve Only	0	Valve Only	0	Valve Only
L	Sgl. Sol. Base Mount Body	M	Positive Commons	A	1/8" NPTF	A	Sgl. Sol. Plug-In to Left	C	Side Cyls
M	Sgl. Sol. Base Mount Body w/ Gage Port			B	1/8" BSPPL	E	Sgl. Sol. Plug-In to Right	D	Side Cyls w/ F.C.
				C	1/8" BSPTR			E	Bot. Cyls w/ Reg. (Slotted Stem)
				F	5/32" Pressed In Tube Receptacle			F	Bot. Cyls w/ Reg. (Slotted Stem) & F.C.
								G	Bot. Cyls w/ Reg. (Locking Slotted Stem)
								H	Bot. Cyls w/ Reg. (Locking Slotted Stem) & F.C.
								J	Bot. Cyls w/ Reg. (Adjusting Knob)
								K	Bot. Cyls w/ Reg. (Adjusting Knob) & F.C.
								L	Bottom Cyls
								M	Bottom Cyls w/ F.C.

**Parts**

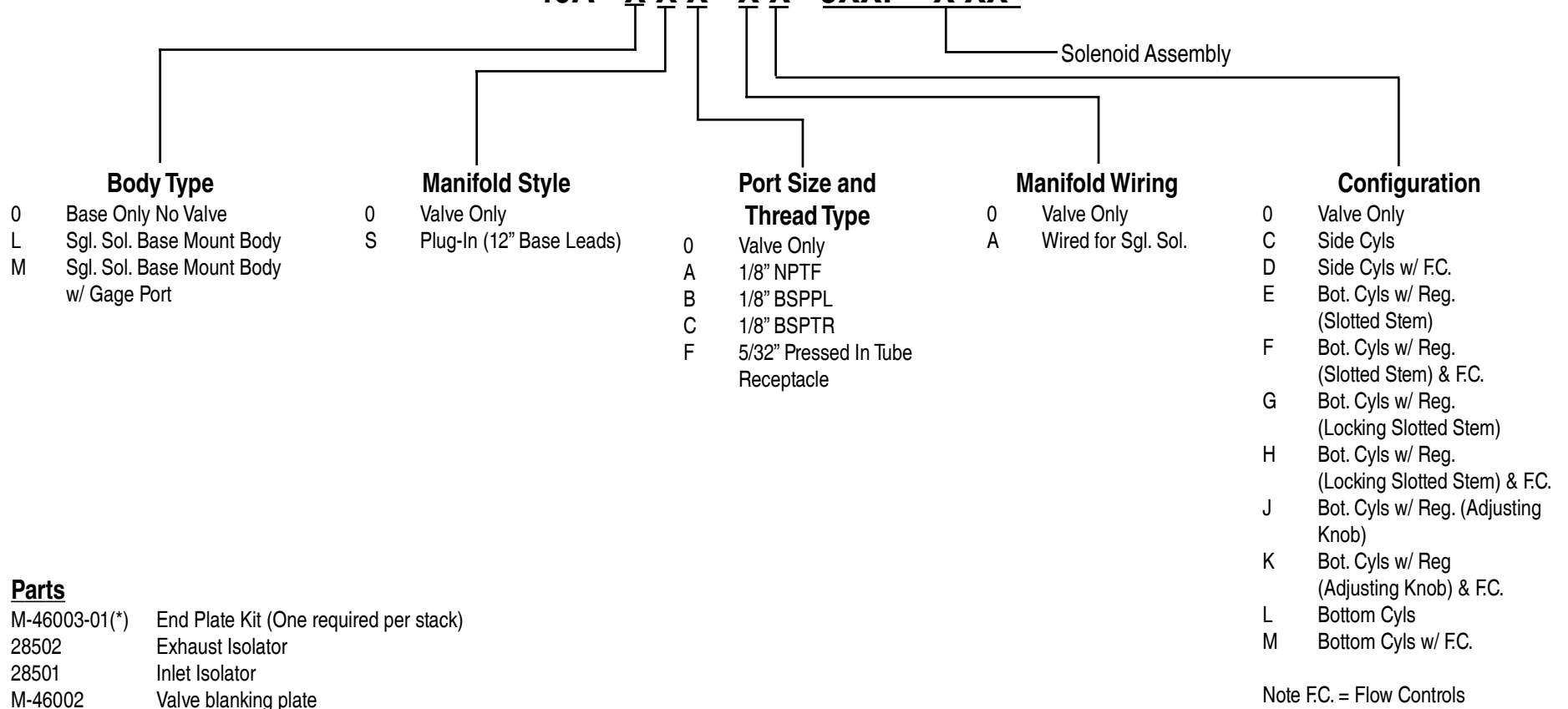
28502	Exhaust Isolator
28501	Inlet Isolator
M-46002	Valve Blanking Plate

Note: F.C. = Flow Controls

# How To Order

## 46 Series Plug-In Manifold

46A - X X X - X X - JXXP - X XX



### Parts

M-46003-01(*)	End Plate Kit (One required per stack)
28502	Exhaust Isolator
28501	Inlet Isolator
M-46002	Valve blanking plate

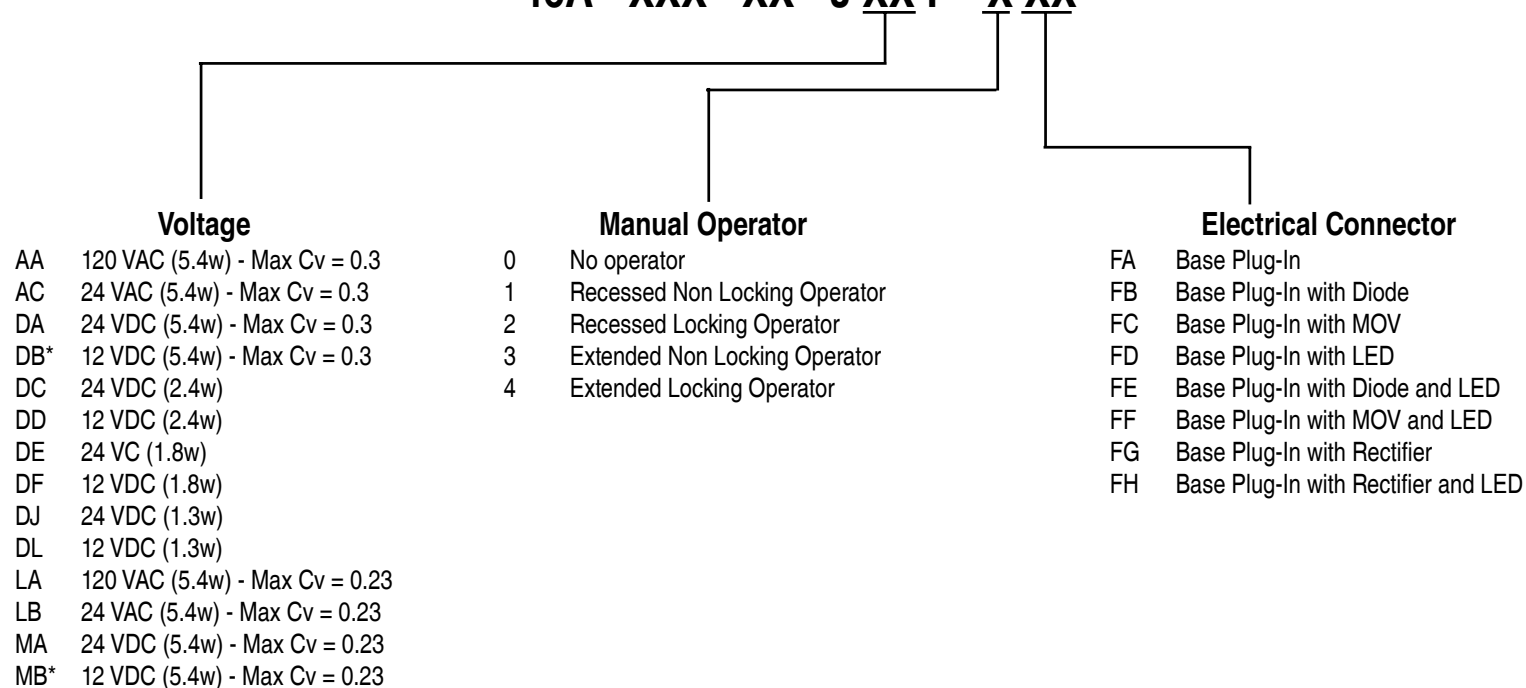
Note F.C. = Flow Controls

\* P = BSPPL, T = BSPTR, Blank = NPTF

# How To Order

## 46 Series Solenoid Assembly

46A - XXX - XX - J XX P - X XX



\* Not available for MACConnect®

Note: AC Voltage requires a connector with a rectifier

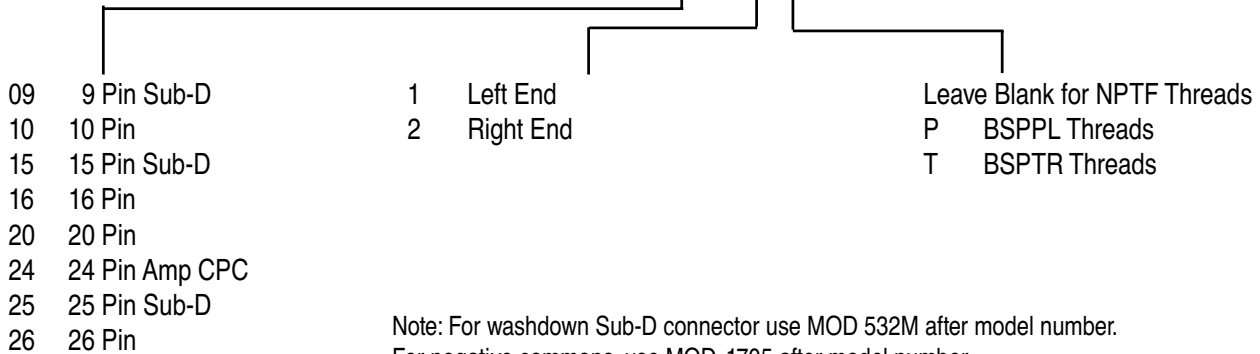
# 46 Series MAConnect™

## How to Order

### Adapters / End Plate Kit

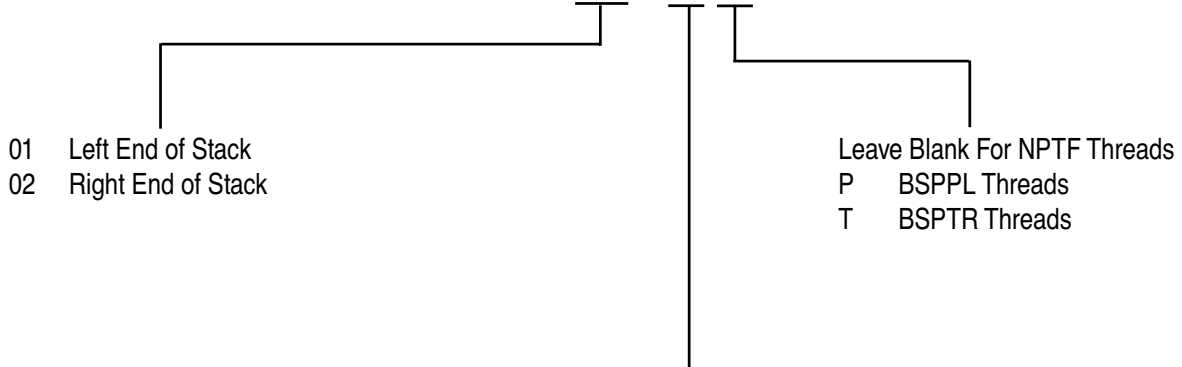
#### MAConnect™ Adapter Assembly

M-46005 - XX - X X



#### MAConnect™ Fastening End Plate Kit

M-46006 - XX - 01 X



**Note:** "01" should be used only when the Fastening End Plate Kit is ordered separately. When the kit is ordered with an assembly this number will change to indicate the number of valves in the stack.



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

25 PIN SUB-D



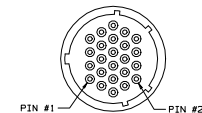
PIN #	SOLENOID #
1	1
2	2
✓	✓
13	13
14	+ COMMON
15	+ COMMON

15 PIN SUB-D



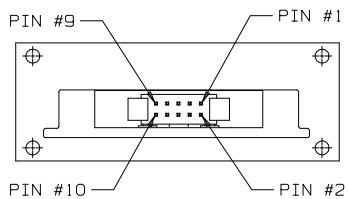
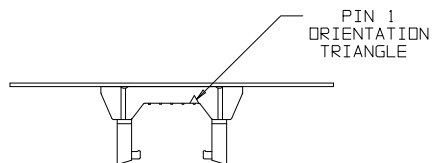
PIN #	SOLENOID #
1	1
2	2
✓	✓
8	8
9	+ COMMON

9 PIN SUB-D



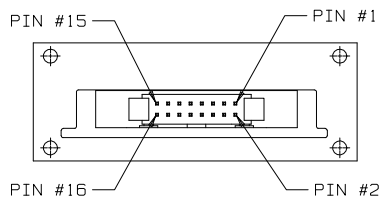
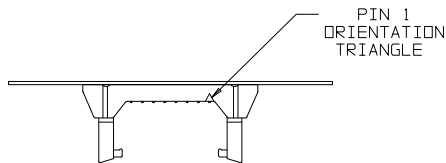
PIN #	SOLENOID #
1	1
2	2
✓	✓
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON

24 PIN AMP CPC



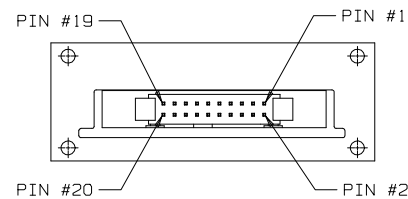
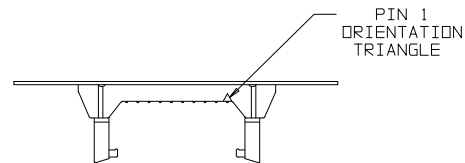
PIN #	SOLENOID #
1	1
2	2
✓	✓
8	8
9	+ COMMON
10	+ COMMON

10 PIN



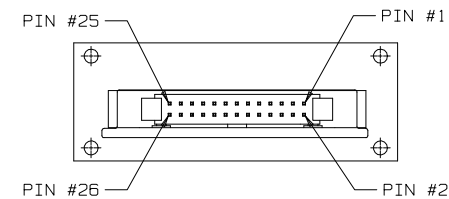
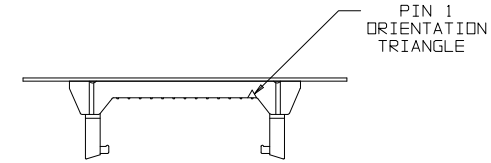
PIN #	SOLENOID #
1	1
2	2
✓	✓
12	12
13	+ COMMON
14	+ COMMON
15	+ COMMON
16	+ COMMON

16 PIN



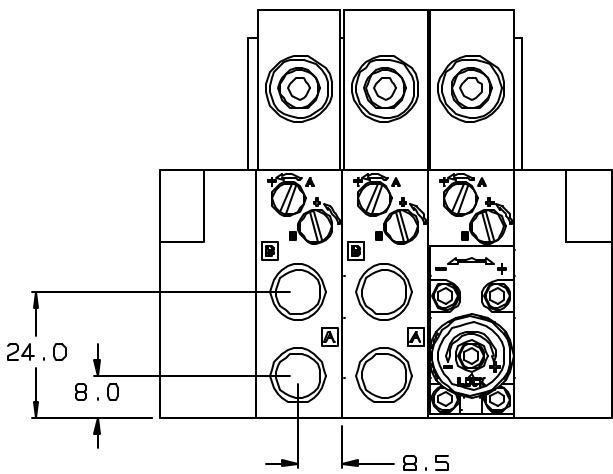
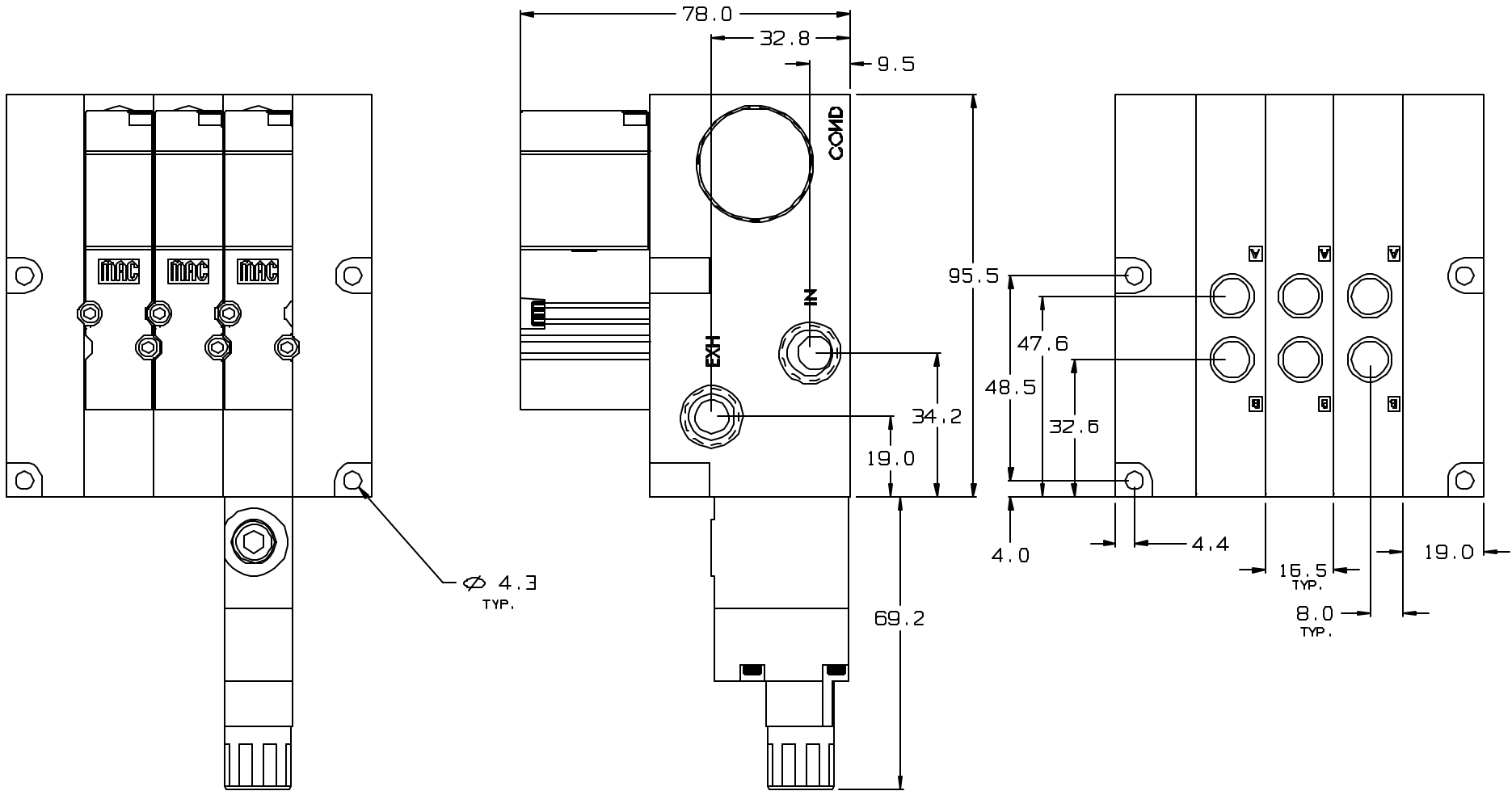
PIN #	SOLENOID #
1	1
2	2
✓	✓
16	16
17	+ COMMON
18	+ COMMON
19	+ COMMON
20	+ COMMON

20 PIN



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

26 PIN

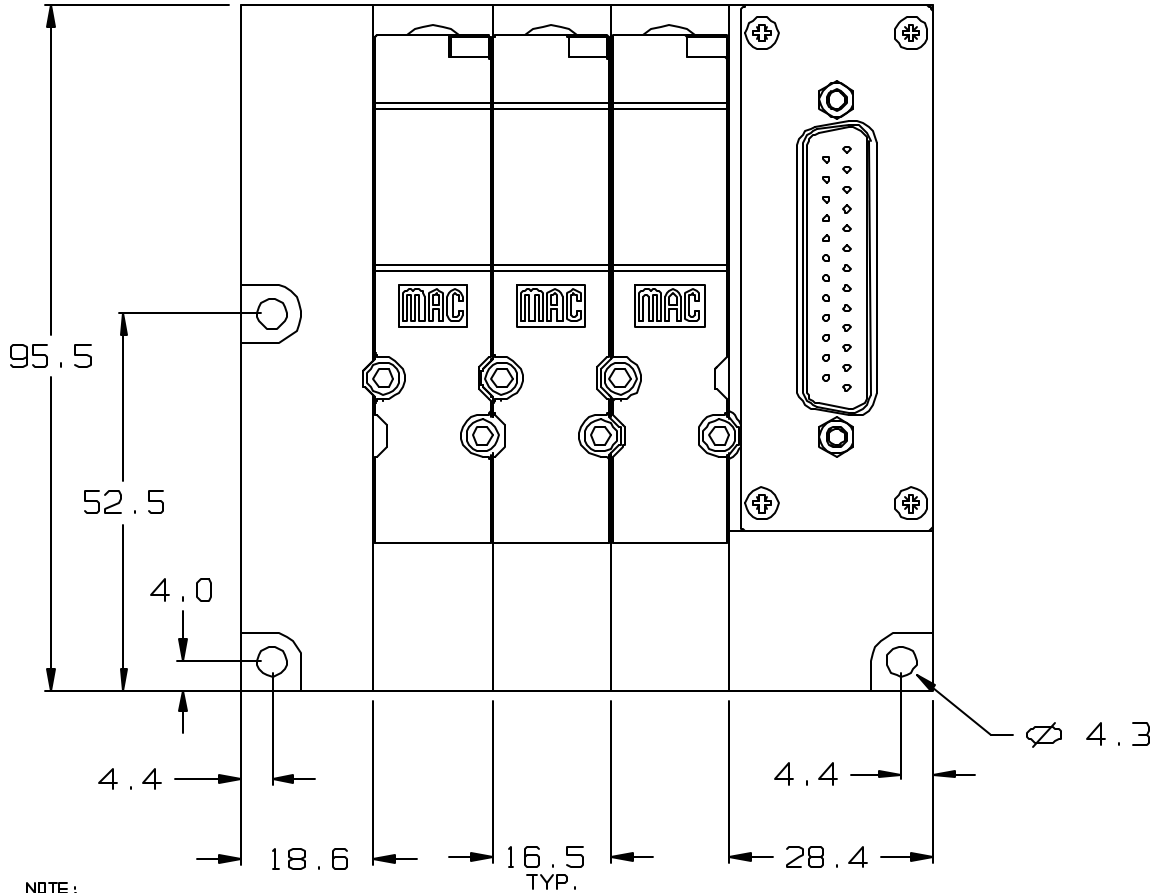


NOTE:  
 -ALL DIMENSIONS SHOWN  
 ARE IN MILLIMETERS  
 -TOLERANCES ON DIMENSIONS  $\pm 0.2$

## 46 SERIES WIRED MANIFOLD



# 46 SERIES MACONNECT WITH MULTI PIN



NOTE:  
 -ALL DIMENSIONS SHOWN  
 ARE IN MILLIMETERS  
 -TOLERANCES ON DIMENSIONS  $\pm 0.2$

