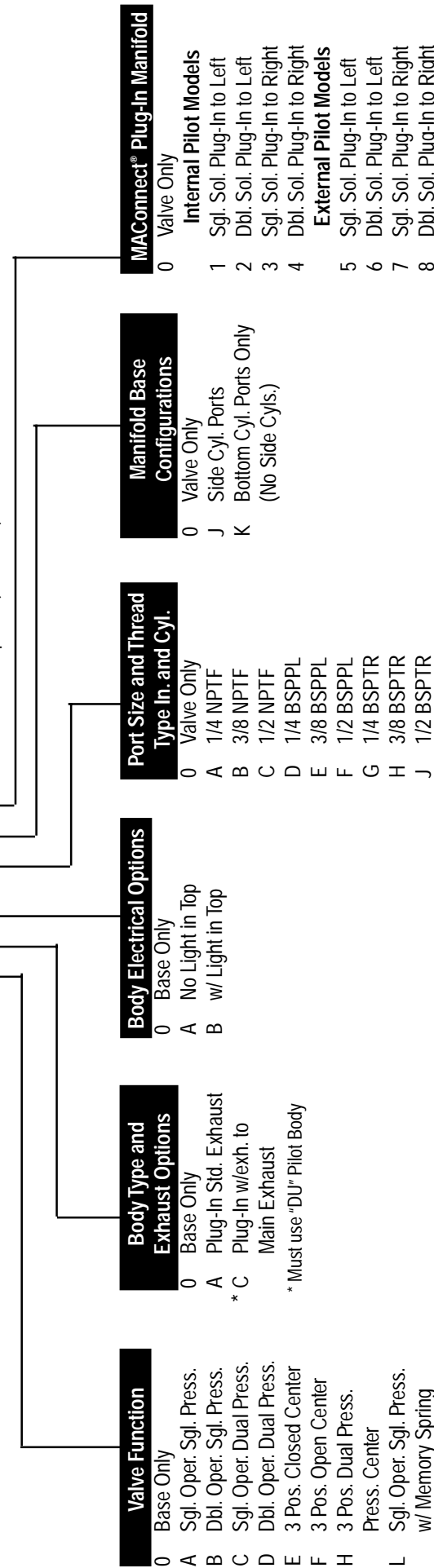


How to Order

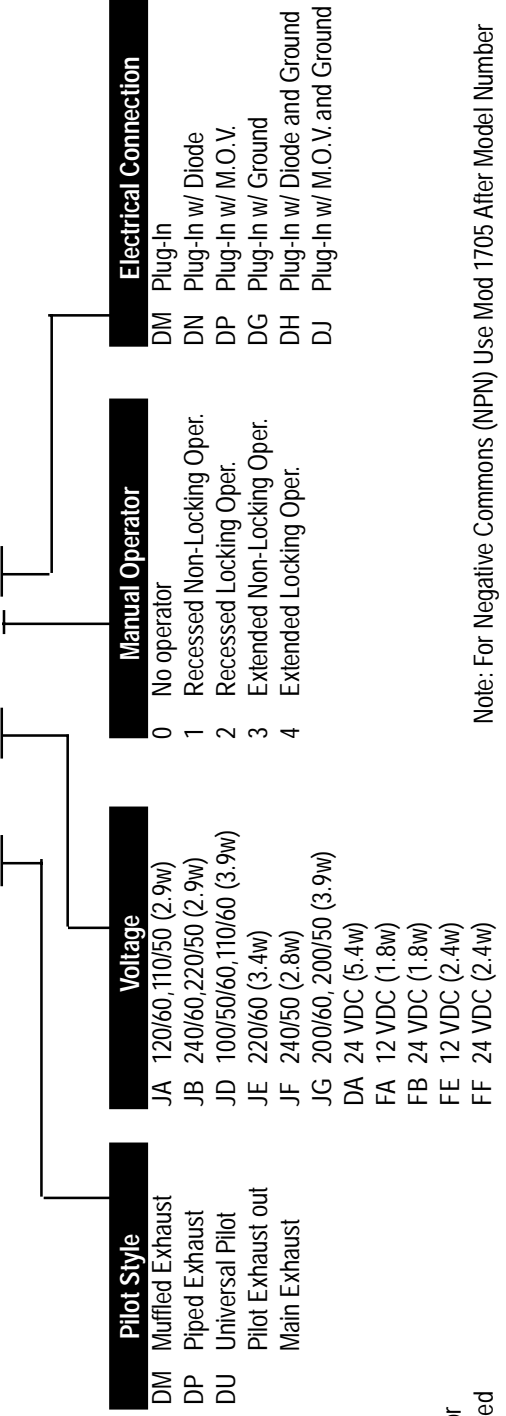
93 Series MACConnect™

93 A - X X X - X X X - XX - D XX P - X XX

Pilot Valve Options (see below)



Pilot Valve Options
XX - D XX P - X XX



Note: For Solenoids 30 volts or above, a ground wire is required

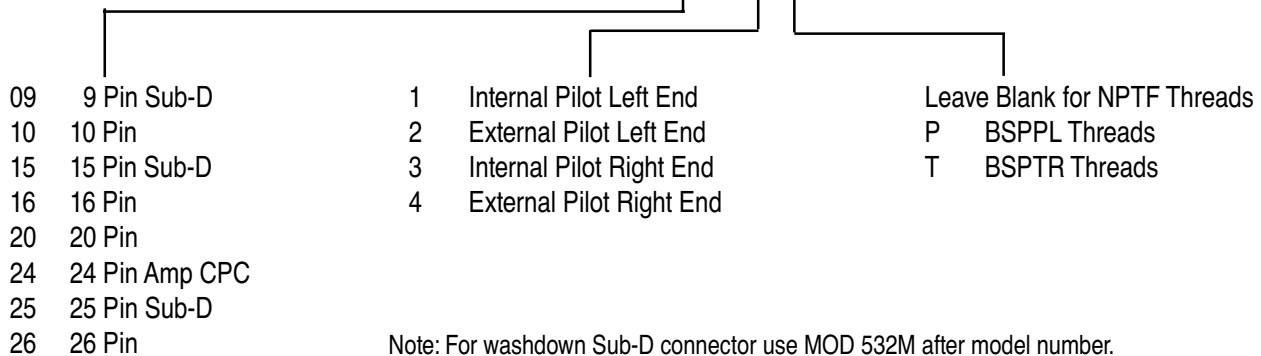
Note: For Negative Commons (NPN) Use Mod 1705 After Model Number

93 MAConnect™

How to Order Adapters / End Plate Kit

MAConnect™ Adapter Assembly

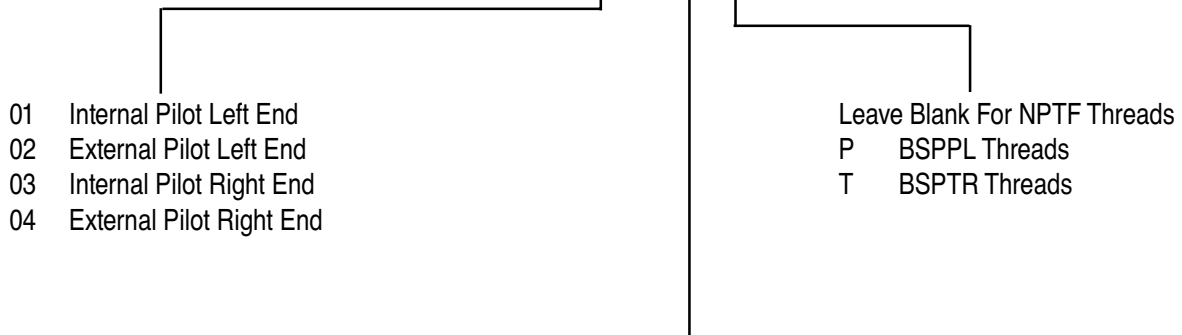
M-93012 - XX - X X



Note: For washdown Sub-D connector use MOD 532M after model number.
For negative commons, use MOD. 1705 after model number.

MAConnect™ Fastening End Plate Kit

M-93014 - XX - 01 X

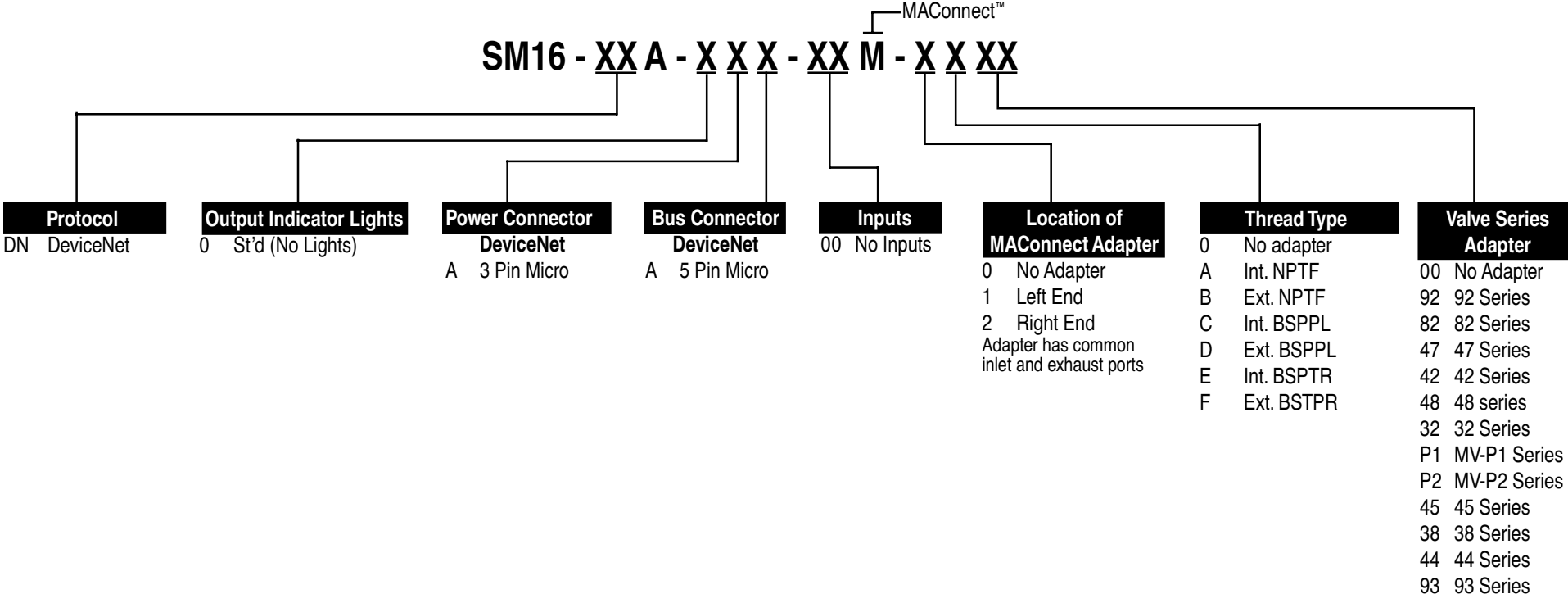


Note: "01" should be used only when the Fastening End Plate Kit is ordered separately. When the kit is ordered with an assembly this number will change to indicate the number of valves in the stack.

Example of MAConnect™ Assembly

- (1) M-93012-25-3
- (3) 93A-AAA-CK3-DM-DDAP-1DM
- (2) 93A-BAA-CK4-DM-DDAP-1DM
- (1) M-93014-01-05

How to Order SM16 for MAConnect™ Serial Manifold



How to Order SM32 for MACConnect™ Serial Manifold

MACConnect™
SM32 - XX A - X X X - X X M - X X XX -9

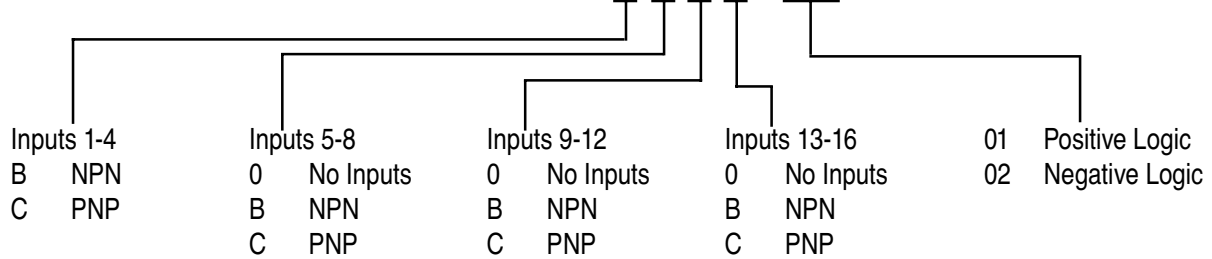
Protocol	Output Indicator Lights	Power Connector	Bus Connector	Inputs	Input Types	Location of MACConnect Adapter	Pilot and Thread Type	Valve Series Adapter
DN DeviceNet	Monitoring Valve Signal	DeviceNet	DeviceNet	A No Inputs	A No Inputs	0 No Adapter	0 No adapter	00 No Adapter
PB Profibus	A St'd (16)	A 3 Pin Mini	A 5 Pin Mini	B 1 Input	B NPN	1 Left End	A Int. NPTF	42 42 Series
IB Interbus-S	Monitoring Bus Logic Signal	B 4 Pin Mini	B 5 Pin Micro	C 2 Inputs	C PNP	2 Right End	B Ext. NPTF	47 47 Series
AB Allen Bradley Remote IO	B St'd (16)	C 3 Pin Micro	C 5 Pin Mini	D 3 Inputs			C Int. BSPPL	48 48 Series
AS AS-I	ASI Available Only w/ (B) Monitoring Signal	E 4 Pin Mini	End Mount	E 4 Inputs			D Ext. BSPPL	82 82 Series
		Side Mount	2 Conn.	F Tethered			E Int. BSPTR	92 92 Series
		Profibus & Interbus-S	Profibus	16 Inputs			F Ext. BSTPR	32 32 Series
		D 9 Pin Sub-D	D 9 Pin Sub-D	8 on AS-I			** N No Pilot Port	P1 MV-P1 Series
		F 3 Pin Mini	Interbus-S				** 82 Series Only	P2 MV-P2 Series
		H 4 Pin Mini	E 9 Pin Sub-D					45 45 Series
		AB Remote IO	Male & Female					38 38 Series
		G 5 Pole Term.	AB Remote IO					44 44 Series
		B 4 Pin Mini	F 3 Pole Term.					93 93 Series
		AS-I	G 4 Pin Micro					
		D 4 Pin Micro	(2 4-Pin Connectors)					
			AS-I					
			G 4 Pin Micro					
			2 Conn.					
			H 4 Pin Micro					
			2 Conn. w/					
			2 Prog. Ports					

How to Order

Input and Output Modules

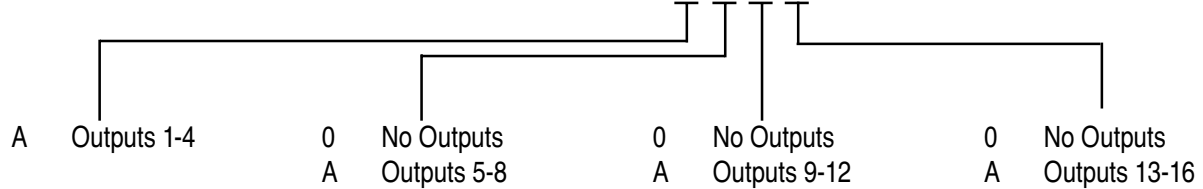
Remote Tethered Input Module (For use with SM32 only)

N-SM005 - X X X X - XX



Remote Tethered Output Module (For use with SM32 only)

N-SM006 - X X X X





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

25 PIN SUB-D



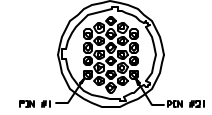
PIN #	SOLENOID #
1	1
2	2
~	~
13	13
14	+ COMMON
15	+ COMMON

15 PIN SUB-D



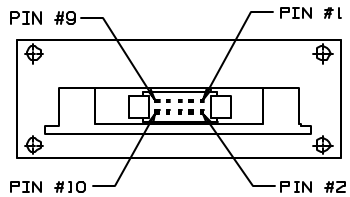
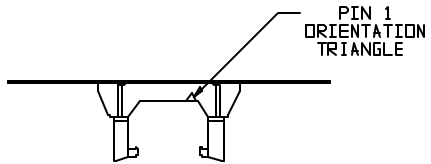
PIN #	SOLENOID #
1	1
2	2
~	~
8	8
9	+ COMMON

9 PIN SUB-D

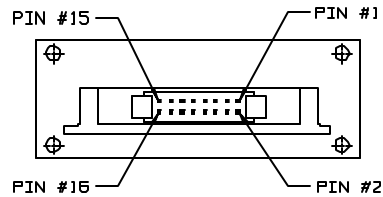
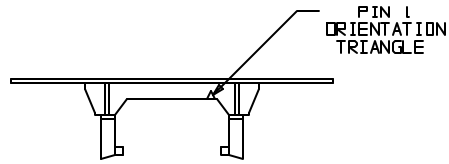


PIN #	SOLENOID #
1	1
2	2
~	~
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON

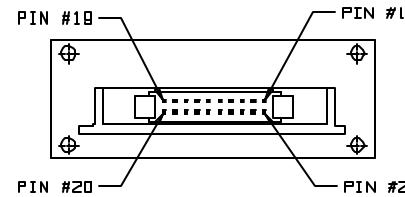
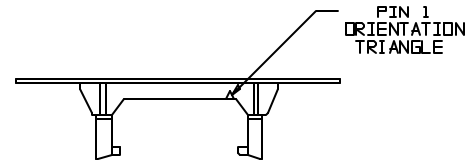
24 PIN AMP CPC



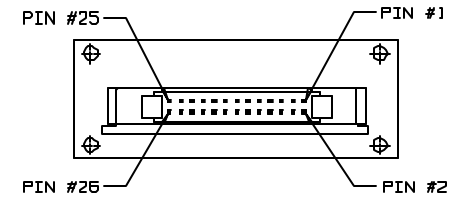
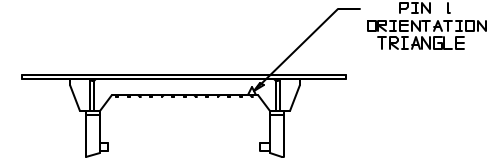
PIN #	SOLENOID #
1	1
2	2
~	~
8	8
9	+ COMMON
10	+ COMMON



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

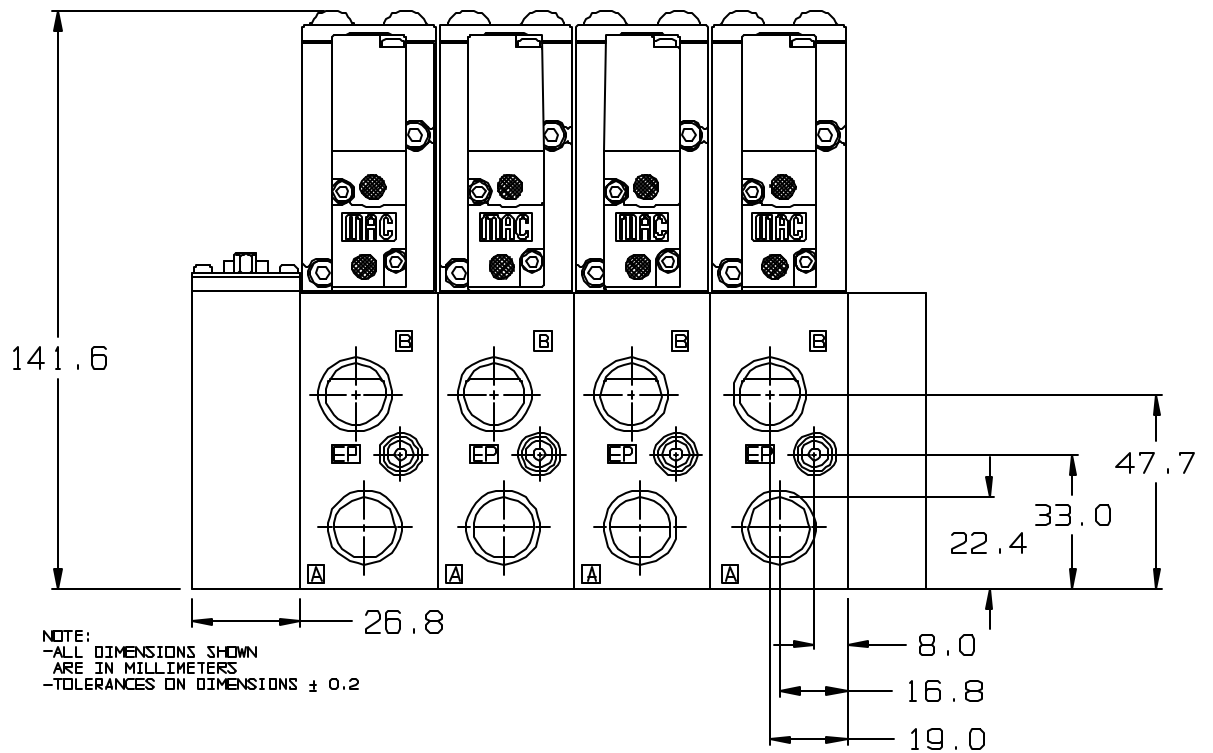
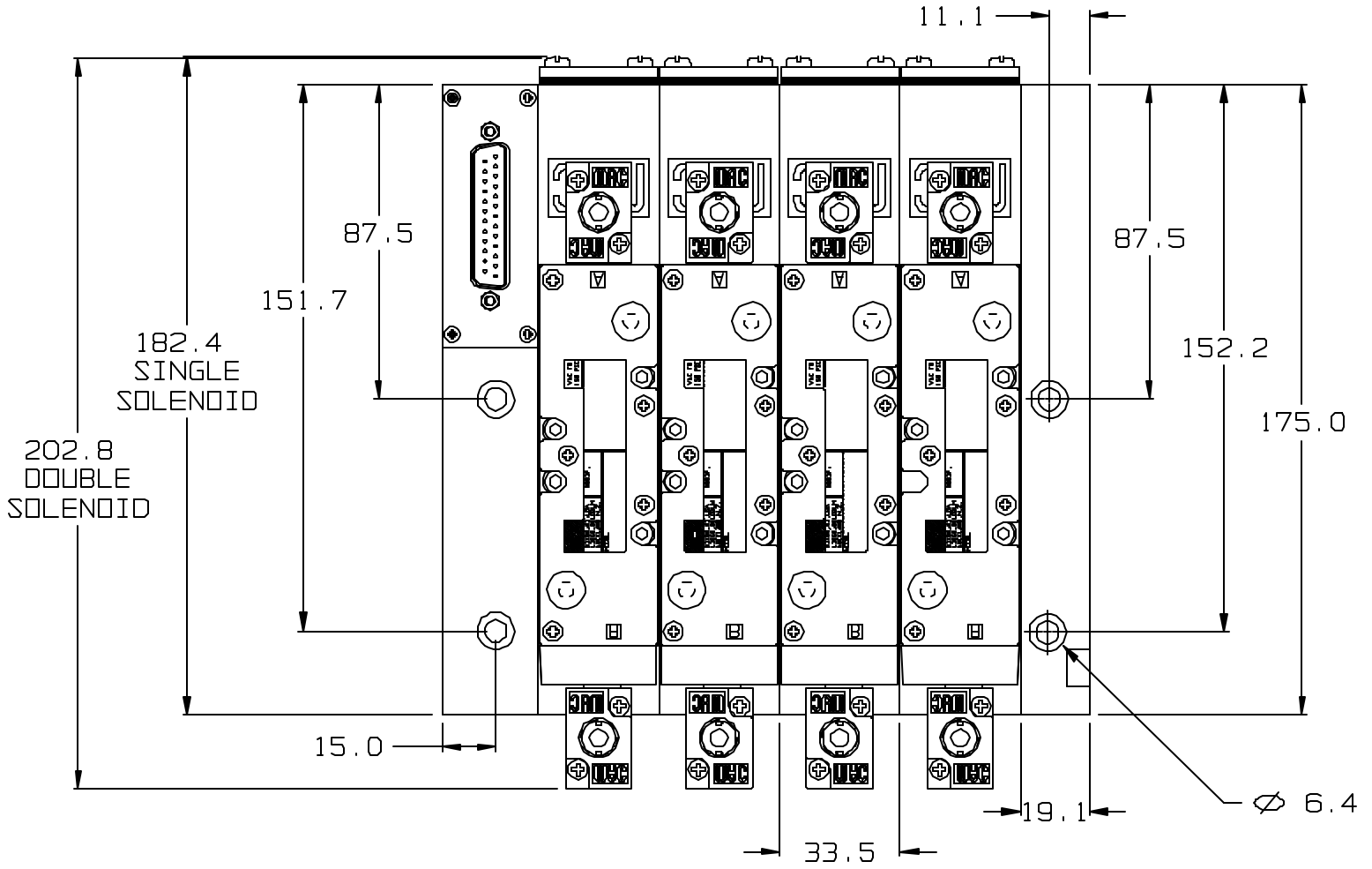


PIN #	SOLENOID #
1	1
2	2
~	~
16	16
17	+ COMMON
18	+ COMMON
19	+ COMMON
20	+ COMMON

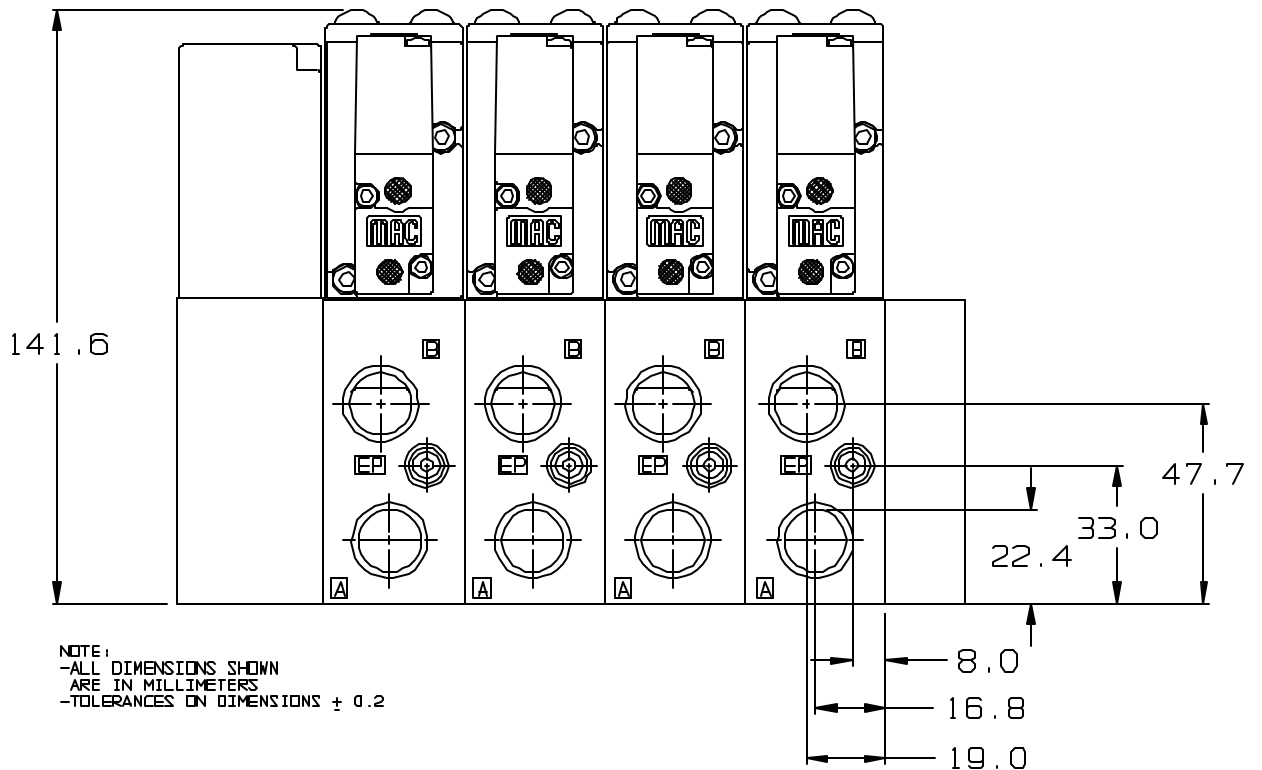
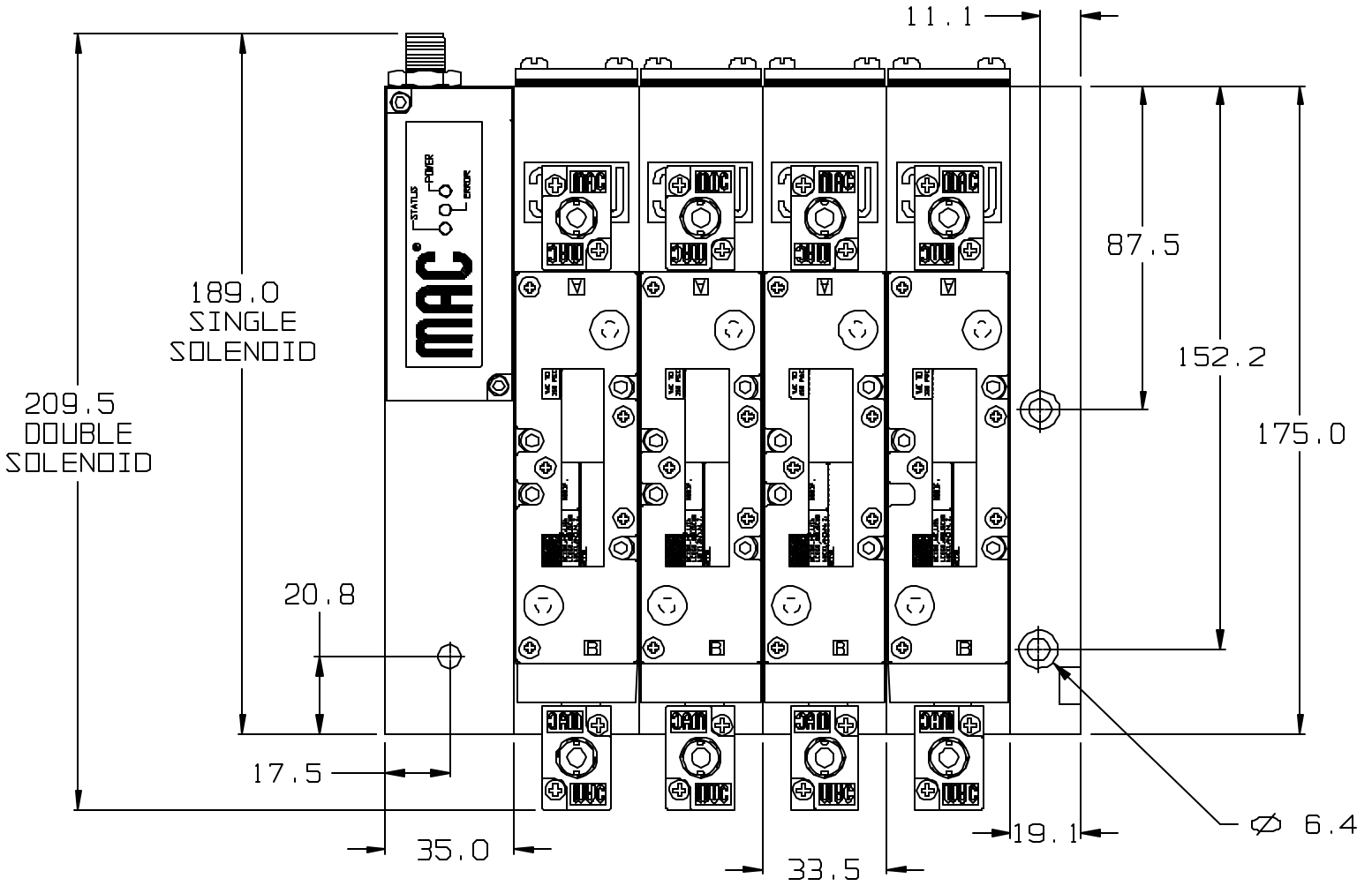


PIN #	SOLENOID #
1	1
2	2
~	~
20	20
21	+ COMMON
22	+ COMMON
23	+ COMMON
24	+ COMMON
25	+ COMMON
26	+ COMMON

93 SERIES MACONNECT WITH MULIT PIN

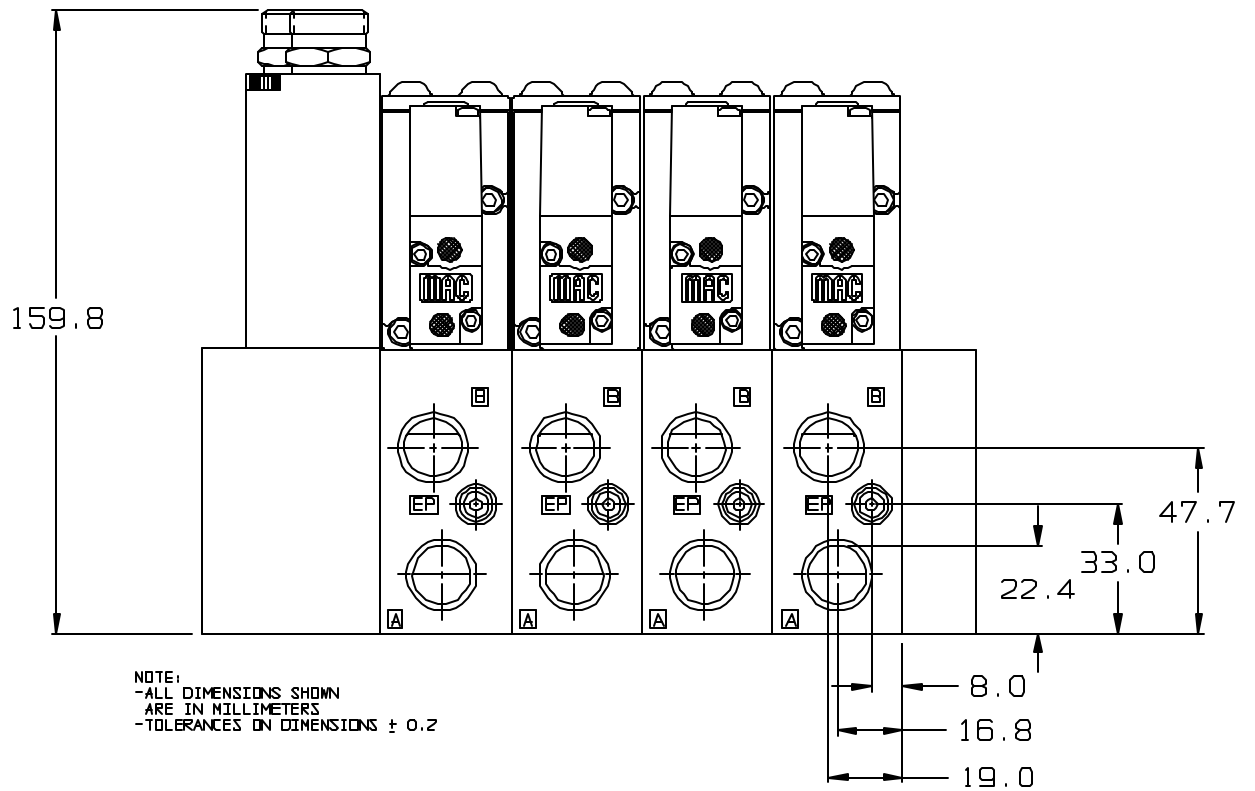
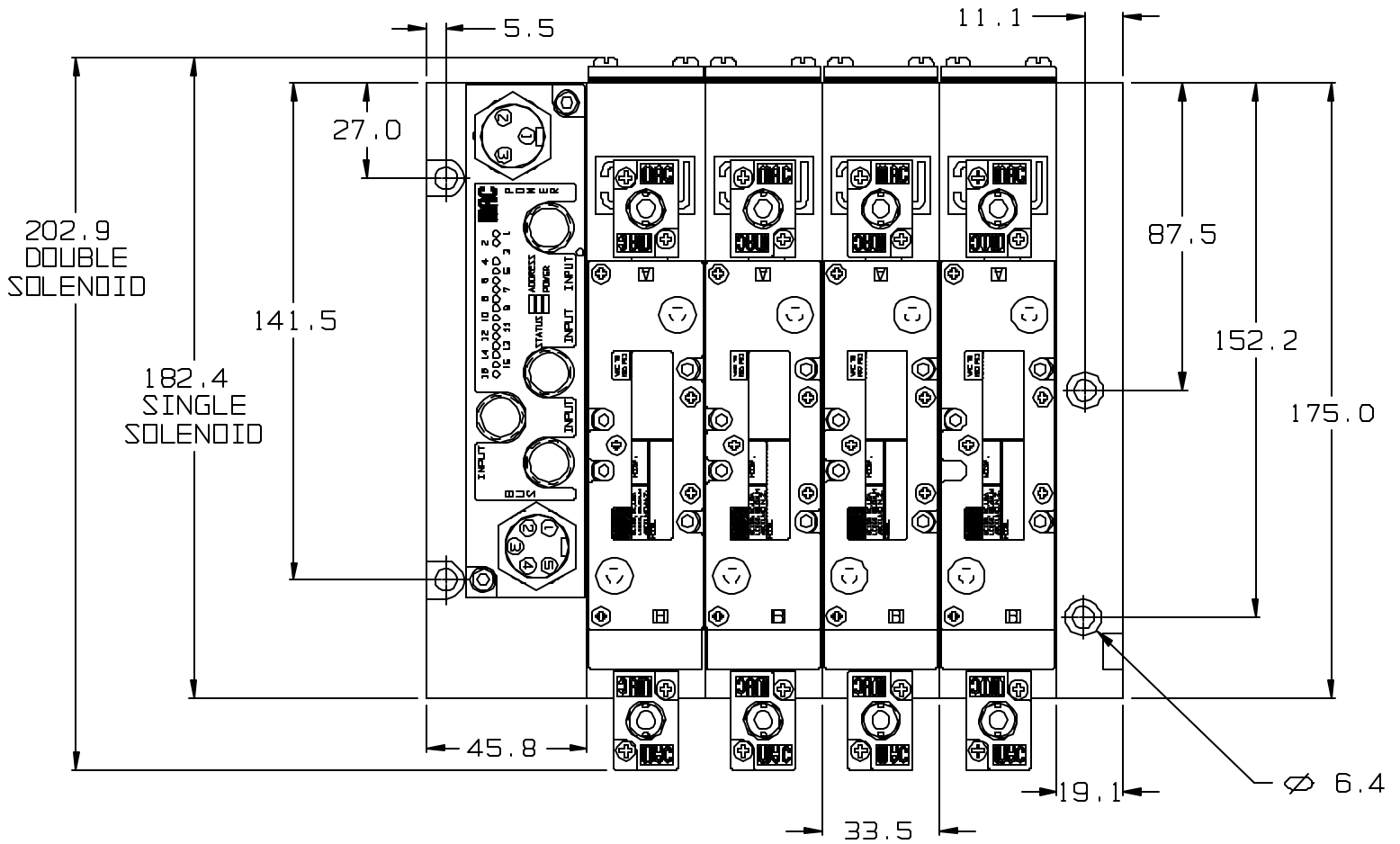


93 SERIES MACONNECT WITH SM16



NOTE:
-ALL DIMENSIONS SHOWN
ARE IN MILLIMETERS
-TOLERANCES ON DIMENSIONS ± 0.2

93 SERIES MACONNECT WITH SM32



NOTE:
 -ALL DIMENSIONS SHOWN
 ARE IN MILLIMETERS
 -TOLERANCES ON DIMENSIONS ± 0.2