

2 • ROW

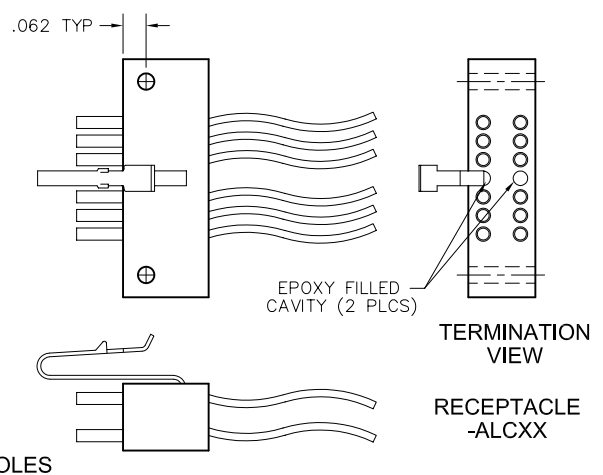
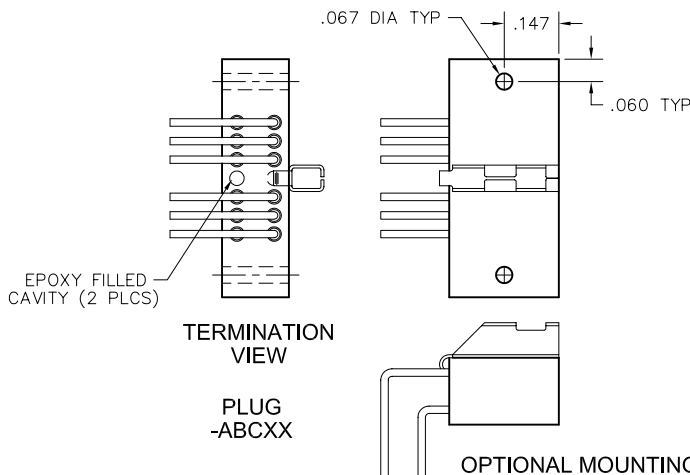
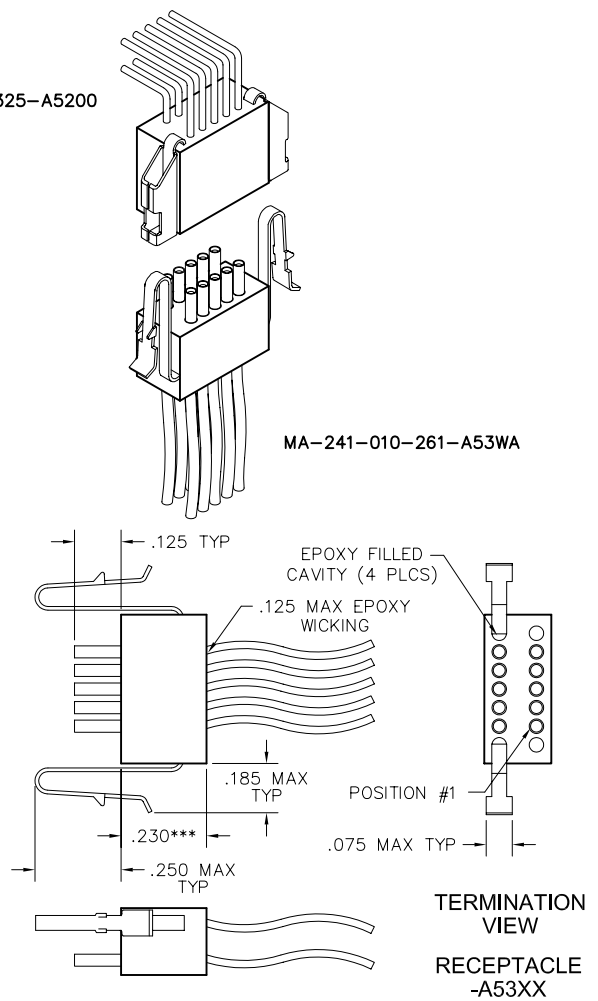
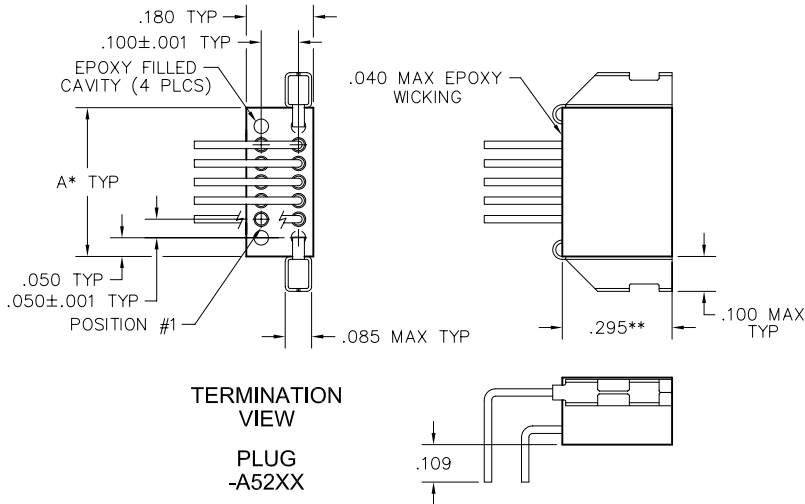
Strip Connectors

Board to Cable

.050"

MA-2

4 thru 128 Contacts



OPTIONAL MOUNTING HOLES

DIMENSIONS

To determine connector length (Dim "A"):
Multiply the number of cavities in one row by .050"
Add fixed end lengths (constant, .025" x 2)
Add .085" for each mounting hole
Total Length:

.	"
0.05	"
.	"
.	"

Notes:

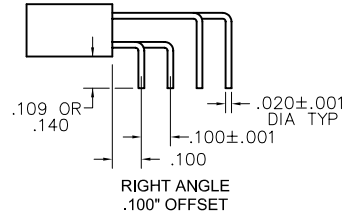
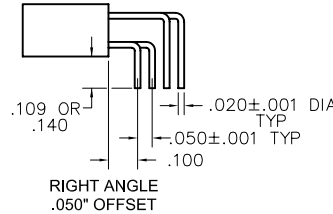
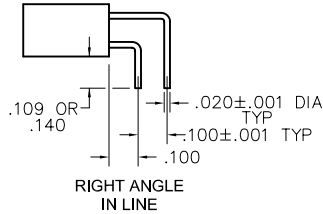
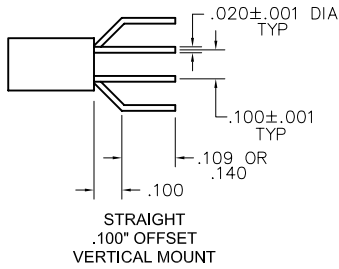
Length over 2" may require support to insure alignment

* = Maximum length is 3.420". Maximum number of contacts must be reduced to accommodate hardware and mounting holes.

** = For cable applications, .295" becomes .390"

*** = For solder cup or board mount applications, .230" becomes .135"

LEAD CONFIGURATION OPTIONS



PLUG: MA-2F1-010-325-A5200
RECEPTACLE: MA-241-010-261-A53WA
 XX-XXX-XXX-XXX-XXXXX

PLUG

RECEPTACLE

SERIES

MA .050" Microminiature Strip Connector | MA .050" Microminiature Strip Connector

BODY

2	2-Row	2	2-Row
	BODY STYLE: (Material: Polyphenylene sulfide)		BODY STYLE: (Material: Polyphenylene sulfide)
11	Plug, straight, with mounting holes	21	Receptacle, straight, with mounting holes
31	Plug, straight, without mounting holes	41	Receptacle, straight, without mounting holes
51	Plug, right angle, .050" offset, with mounting holes	61	Receptacle, right angle, .050" offset, with mounting holes
71	Plug, right angle, .100" offset, with mounting holes	81	Receptacle, right angle, .100" offset, with mounting holes
91	Plug, right angle, .050" offset, without mounting holes	A1	Receptacle, right angle, .050" offset, without mounting holes
B1	Plug, right angle, .100" offset, without mounting holes	C1	Receptacle, right angle, .100" offset, without mounting holes
D1	Plug, right angle, in line, with mounting holes	E1	Receptacle, right angle, in line, with mounting holes
F1	Plug, right angle, in line, without mounting holes	G1	Receptacle, right angle, in line, without mounting holes
H1	Plug, straight, .100" offset, without mounting holes	J1	Receptacle, straight, .100" offset, without mounting holes

SIZE

XXX 004- 128 | XXX 004-128

Note: Maximum number of contacts is reduced when using hardware or mounting holes. See dimension chart on M-25.

CONTACTS

TYPE CONTACTS/TERMINATIONS:		TYPE CONTACTS/TERMINATIONS:	
11	Pin, straight, solder cup	21	Socket, straight, solder cup
12	Pin, straight, PCB leads, .109"	22	Socket, straight, PCB leads, .109"
13	Pin, straight, PCB leads, .140"	23	Socket, straight, PCB leads, .140"
14	Pin, straight, .500" pigtails (.018 dia)	24	Socket, straight, .500" pigtails (.018 dia)
15	Pin, straight, 1.000" pigtails (.018 dia)	25	Socket, straight, 1.000" pigtails (.018 dia)
16	Pin, straight, crimped wire	26	Socket, straight, crimped wire
32	Pin, right angle, PCB leads, .109"	43	Socket, right angle, PCB leads, .109"
33	Pin, right angle, PCB leads, .140"	44	Socket, right angle, PCB leads, .140"
PLATING OPTIONS:		PLATING OPTIONS:	
1	50 μ" Au contacts (crimp wire)	1	50 μ" Au contacts (crimp wire)
3	50 μ" Au contacts: 10 μ" Au terminations (solder cup, pigtail, PCB leads)	3	50 μ" Au contacts: 10 μ" Au terminations (solder cup, pigtail, PCB leads)
5	50 μ" Au contacts; Sn/Pb alloy terminations (pigtail, PCB leads) ☒	5	50 μ" Au contacts; Sn/Pb alloy terminations (pigtail, PCB leads) ☒
7	50 μ" Au contacts; SAC305 terminations (pigtail, PCB leads)	7	50 μ" Au contacts; SAC305 terminations (pigtail, PCB leads)

HARDWARE

STYLE OF HARDWARE:		STYLE OF HARDWARE:	
A00	None	A00	None
ABC	Latch box, side mounted (centered)* See page M-27	ALC	Latch spring, side mounted (centered)* See page M-27
A50	Latch boxes (two end cavities). See page M-27**	A51	Latch springs, (two end cavities). See page M-27**
A52	Latch boxes (two end cavities). See page M-27**	A53	Latch springs, (two end cavities). See page M-27**
A54	Latch boxes (two end cavities). See page M-27**	A55	Latch springs, (two end cavities). See page M-27**
A56	Latch boxes (two end cavities). See page M-27**	A57	Latch springs, (two end cavities). See page M-27**
A64	One guide hole (centered)*	A61	One guide pin (centered)*
A65	One guide hole (first cavity)	A62	One guide pin (first cavity)
A66	One guide hole (last cavity)	A63	One guide pin (last cavity)
A68	Two guide holes (first & last cavity)	A67	Two guide pins (first & last cavity)
AHX	One guide hole (cavity #2 - #9)	APX	One guide pin (cavity #2 - #9)
POLARIZATION / WIRING:		POLARIZATION / WIRING	
00	None	00	None
XX	For wiring codes, see page MA-3 & MA-4	XX	For wiring codes, see page MA-3 & MA-4

* = To determine location, divide the total number of cavities (in one row) by two and round to the next whole number, if result is a fraction. See page M-28.

** = Not available with mounting holes.

See MA strip guidelines, page M-28, for location examples & visual clarification.

Connector part number must have even number of contacts.

Consult factory for non-standard requirements.

☒ = Option not RoHS compliant