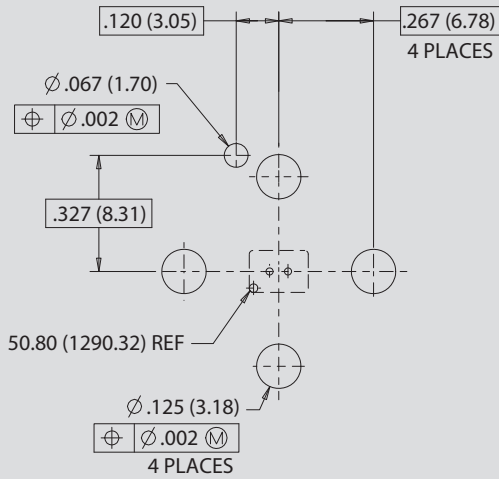


# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors

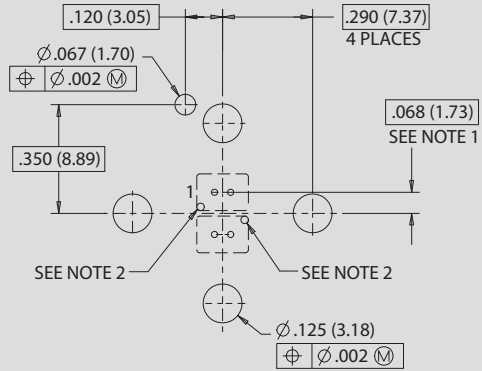


## PCB Footprints

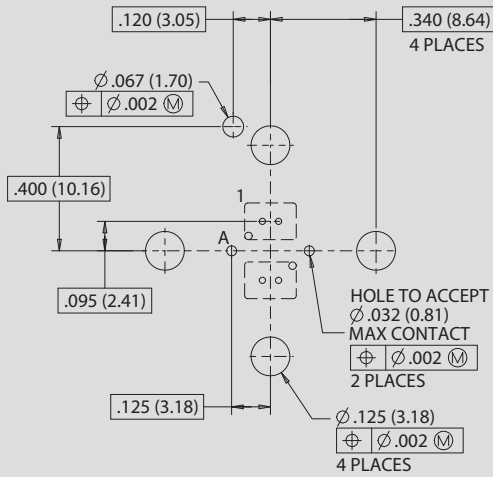
SERIES 806 VERSALINK CONNECTORS



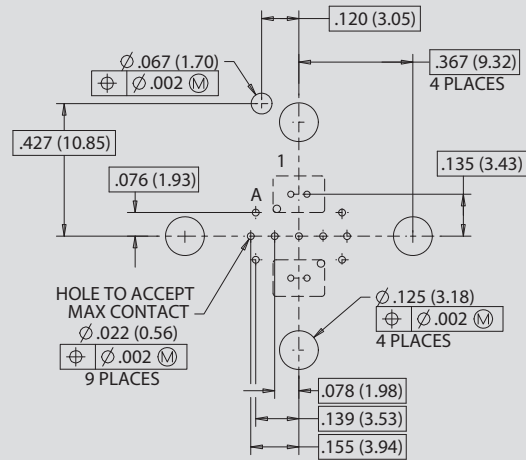
**Arrangement No. 8-1V**  
1X VersaLink



**Arrangement No. 9-2V**  
2X VersaLink



**Arrangement No. 10-2V2**  
2X VersaLink  
2X 20HD  
See Note 1 and 2

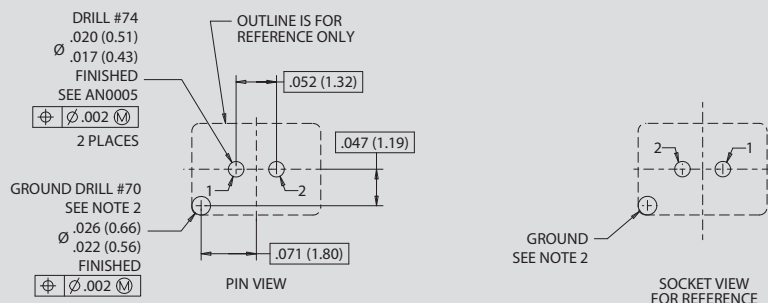


**Arrangement No. 11-2V9**  
2X VersaLink  
9X 22HD  
See Note 1 and 2

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)

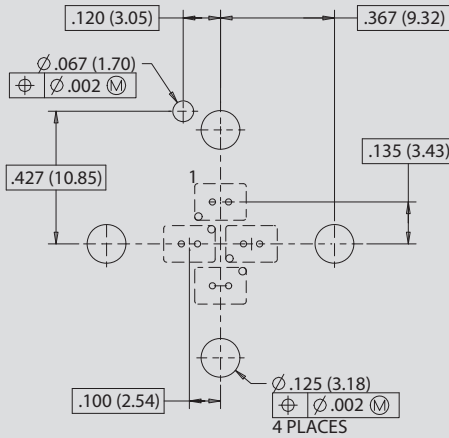


# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors

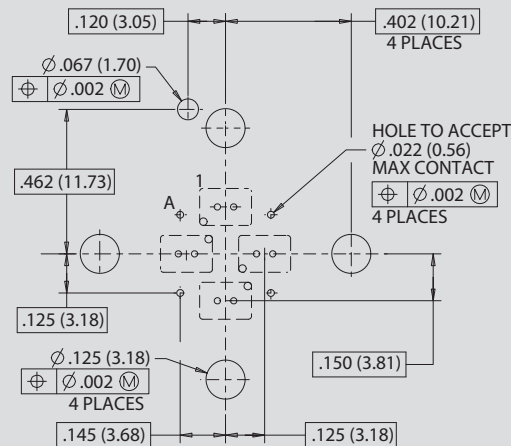


## PCB Footprints

**Arrangement No. 11-4V**  
4X VersaLink  
See Note 1 and 2



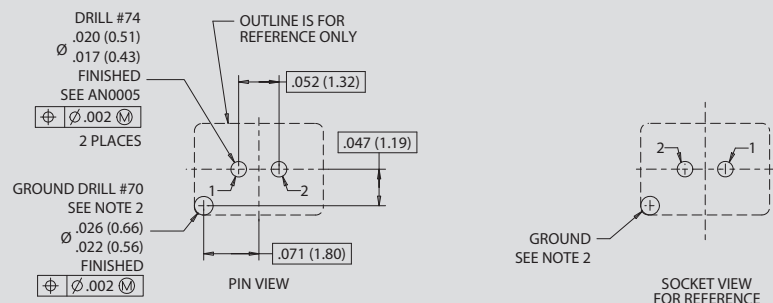
**Arrangement No. 12-4V4**  
4X VersaLink  
4X 22HD  
See Note 1 and 2



### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



SERIES 806 VERSALINK CONNECTORS

# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors

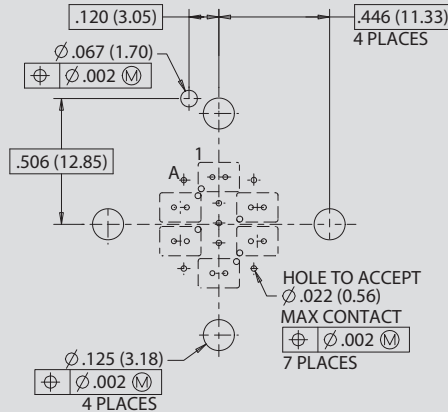


## PCB Footprints

SERIES 806 VERSALINK CONNECTORS

### Arrangement No. 14-6V7

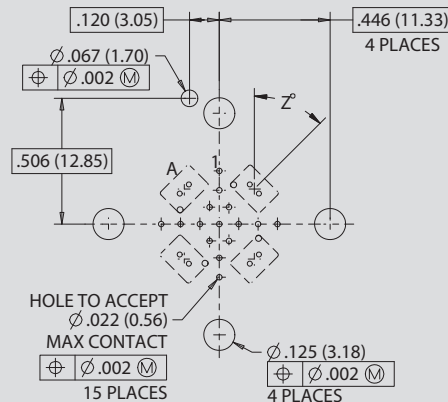
6X VersaLink  
7X 22HD  
See Note 1 and 2



CONTACT POSITIONS		
POS	X	Y
1	.000 (0.00)	.185 (4.70)
2	-.155 (-3.94)	.068 (1.73)
3	.155 (3.94)	.068 (1.73)
4	-.155 (-3.94)	.068 (1.73)
5	.1585 (4.03)	-.068 (-1.73)
6	.000 (0.00)	-.185 (-4.70)
A	.141 (3.58)	.178 (4.52)
B	-.141 (-3.58)	.1787 (4.54)
C	.000 (0.00)	.085 (2.16)
D	.000 (0.00)	.005 (0.13)
E	.000 (0.00)	.075 (1.91)
F	.141 (3.58)	-.178 (-4.52)
G	-.141 (-3.58)	-.178 (-4.52)

### Arrangement No. 14-4V15

2X VersaLink  
4X 20HD  
15X 22HD  
See Note 1 and 2

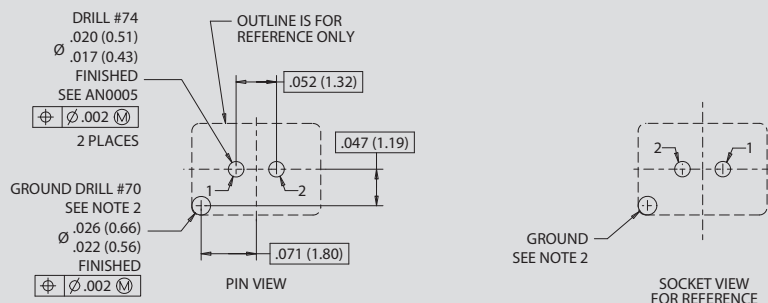


CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
A	-.141 (-3.58)	.141 (3.58)	315
B	.141 (3.58)	.141 (3.58)	45
C	.141 (3.58)	-.141 (-3.58)	135
D	-.141 (-3.58)	-.141 (-3.58)	225
1	.000 (0.00)	.214 (5.44)	
2	.000 (0.00)	.136 (3.45)	
3	-.039 (-0.99)	.068 (1.73)	
4	.039 (0.99)	.068 (1.73)	
5	-.234 (-5.94)	.000 (0.00)	
6	-.156 (-3.96)	.000 (0.00)	
7	-.078 (-1.98)	.000 (0.00)	
8	.000 (0.00)	.000 (0.00)	
9	.078 (1.98)	.000 (0.00)	
10	.156 (3.96)	.000 (0.00)	
11	.234 (5.94)	.000 (0.00)	
12	-.039 (-0.99)	-.068 (-1.73)	
13	.039 (0.99)	-.068 (-1.73)	
14	.000 (0.00)	-.136 (-3.45)	
15	.000 (0.00)	-.214 (-5.44)	

## NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

## VERSALINK PAIR LAYOUT (SEE NOTE 1)



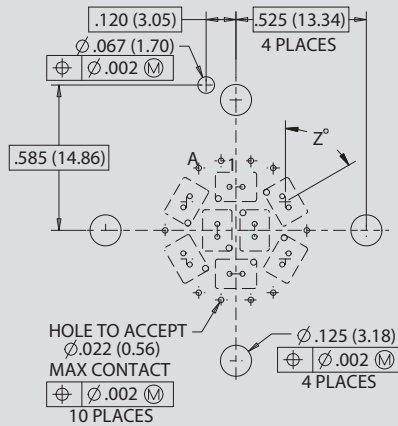
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

### Arrangement No. 16-8V10

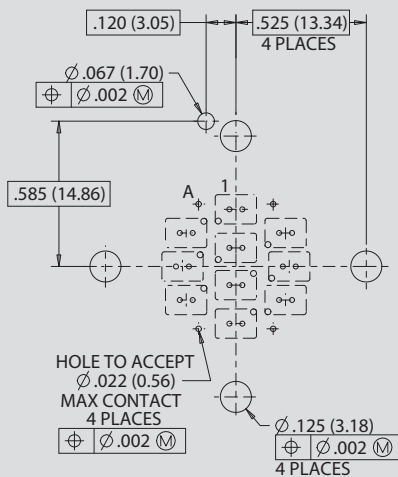
8X VersaLink  
10X 22HD  
See Note 1 and 2



CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
1	.000 (0.00)	.175 (4.45)	0
2	.199 (5.05)	.115 (2.92)	60
3	.199 (5.05)	-.115 (-2.92)	120
4	.000 (0.00)	-.175 (-4.45)	180
5	-.199 (-5.05)	-.115 (-2.92)	240
6	-.199 (-5.05)	.115 (2.92)	300
7	-.075 (-1.91)	.000 (0.00)	270
8	.075 (1.91)	.000 (0.00)	90
A	-.150 (-3.81)	.251 (6.38)	
B	-.060 (-1.52)	.280 (7.11)	
C	.060 (1.52)	.280 (7.11)	
D	.150 (3.81)	.251 (6.38)	
E	-.285 (-7.24)	.000 (0.00)	
F	.285 (7.24)	.000 (0.00)	
G	-.150 (-3.81)	-.251 (-6.38)	
H	-.060 (-1.52)	-.281 (-7.14)	
J	.060 (1.52)	-.281 (-7.14)	
K	.150 (3.81)	-.251 (-6.38)	

### Arrangement No. 16-10V4

10X VersaLink  
4X 22HD  
See Note 1 and 2

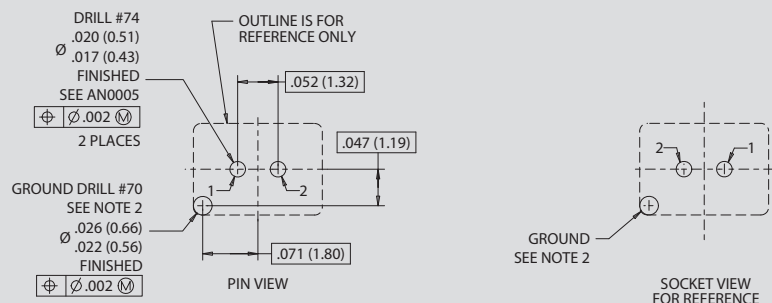


CONTACT POSITIONS		
POS	X	Y
1	.000 (0.00)	.230 (5.84)
2	-.200 (-5.08)	.135 (3.43)
3	.000 (0.00)	.075 (1.91)
4	.200 (5.08)	.135 (3.43)
5	-.215 (-5.46)	.000 (0.00)
6	.000 (0.00)	-.075 (-1.91)
7	.215 (5.46)	.000 (0.00)
8	-.200 (-5.08)	-.135 (-3.43)
9	.000 (0.00)	-.230 (-5.84)
10	.200 (5.08)	.135 (3.43)
A	-.150 (-3.81)	.251 (6.38)
B	.150 (3.81)	.251 (6.38)
C	-.150 (-3.81)	-.251 (-6.38)
D	.150 (3.81)	-.251 (-6.38)

## NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

## VERSALINK PAIR LAYOUT (SEE NOTE 1)



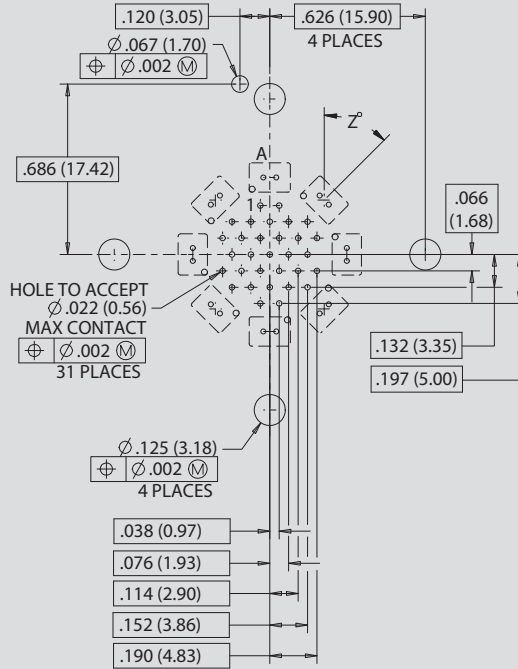
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

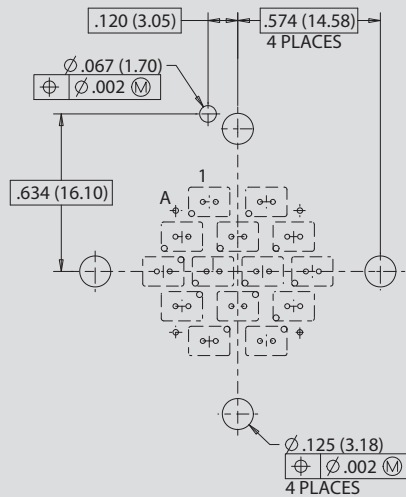
SERIES 806 VERSALINK CONNECTORS

**Arrangement No. 16-8V31**  
8X VersaLink  
31X 22HD  
See Note 1 and 2



CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
A	.000 (0.00)	.310 (7.87)	0
B	.219 (5.56)	.219 (5.56)	45
C	.310 (7.87)	.000 (0.00)	90
D	.219 (5.56)	-.219 (-5.56)	135
E	.000 (0.00)	-.310 (-7.87)	180
F	-.219 (-5.56)	-.219 (-5.56)	225
G	-.310 (-7.87)	.000 (0.00)	270
H	-.219 (-5.56)	.219 (5.56)	315

**Arrangement No. 18-18V8**  
18X VersaLink  
8X 22HD  
See Note 1 and 2

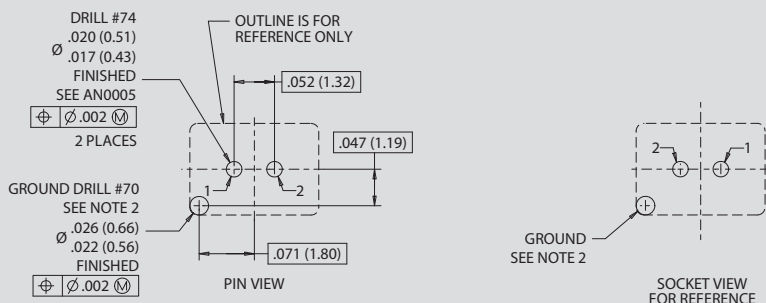


CONTACT POSITIONS		
POS	X	Y
1	-.115 (-2.92)	.280 (7.11)
2	.115 (2.92)	.280 (7.11)
3	-.225 (-5.72)	.140 (3.56)
4	.000 (0.00)	.140 (3.56)
5	.225 (5.72)	.140 (3.56)
6	-.300 (-7.62)	.000 (0.00)
7	-.100 (-2.54)	.000 (0.00)
8	.100 (2.54)	.000 (0.00)
9	.300 (7.62)	.000 (0.00)
10	-.225 (-5.72)	-.140 (-3.56)
11	.000 (0.00)	-.140 (-3.56)
12	.225 (5.72)	-.140 (-3.56)
13	-.115 (-2.92)	-.280 (-7.11)
14	.115 (2.92)	-.280 (-7.11)
A	-.250 (-6.35)	.245 (6.22)
B	.250 (6.35)	.245 (6.22)
C	-.250 (-6.35)	-.245 (-6.22)
D	.250 (6.35)	-.245 (-6.22)

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



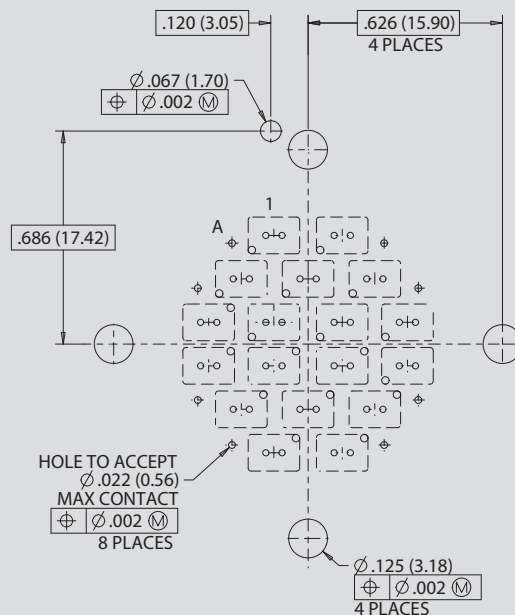
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

SERIES 806 VERSALINK CONNECTORS

**Arrangement No. 20-18V8**  
18X VersaLink  
8X 22HD  
See Note 1 and 2

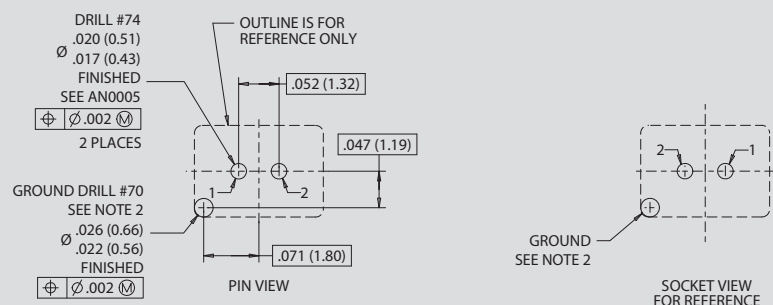


CONTACT POSITIONS		
POS	X	Y
1	-.110 (-2.79)	.350 (8.89)
2	.110 (2.79)	.350 (8.89)
3	-.215 (-5.46)	.210 (5.33)
4	.000 (0.00)	.210 (5.33)
5	.215 (5.46)	.210 (5.33)
6	-.320 (-8.13)	.070 (1.78)
7	-.110 (-2.79)	.070 (1.78)
8	.110 (2.79)	.070 (1.78)
9	.320 (8.13)	.070 (1.78)
10	-.320 (-8.13)	-.070 (-1.78)
11	-.110 (-2.79)	-.070 (-1.78)
12	.110 (2.79)	-.070 (-1.78)
13	.320 (8.13)	-.070 (-1.78)
14	-.215 (-5.46)	-.210 (-5.33)
15	.000 (0.00)	-.210 (-5.33)
16	.215 (5.46)	-.210 (-5.33)
17	-.110 (-2.79)	-.350 (-8.89)
18	.110 (2.79)	-.350 (-8.89)
A	-.245 (-6.22)	.325 (8.26)
B	.245 (6.22)	.325 (8.26)
C	-.355 (-9.02)	.180 (4.57)
D	.355 (9.02)	.180 (4.57)
E	-.355 (-9.02)	-.180 (-4.57)
F	.355 (9.02)	-.180 (-4.57)
G	-.245 (-6.22)	-.325 (-8.26)
H	.245 (6.22)	-.325 (-8.26)

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



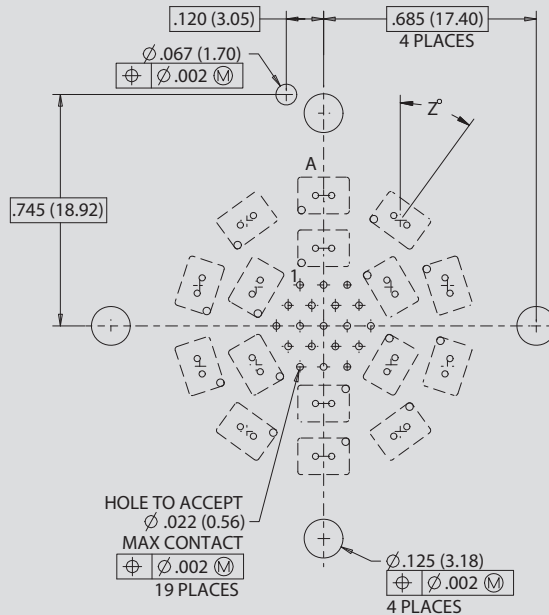
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

SERIES 806 VERSALINK CONNECTORS

**Arrangement No. 22-16V19**  
16X VersaLink  
19X 22HD  
See Note 1 and 2

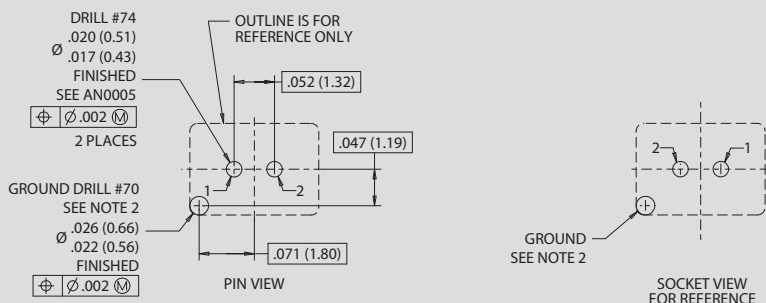


CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
A	.000 (0.00)	.420 (10.67)	0
B	.247 (6.27)	.340 (8.64)	36
C	.399 (10.13)	.130 (3.30)	72
D	.399 (10.13)	-.130 (-3.30)	108
E	.247 (6.27)	-.340 (-8.64)	144
F	.000 (0.00)	.420 (10.67)	180
G	-.247 (-6.27)	.340 (8.64)	216
H	-.399 (-10.13)	-.130 (-3.30)	252
J	-.399 (-10.13)	.130 (3.30)	288
K	-.247 (-6.27)	.340 (8.64)	324
M	.000 (0.00)	.250 (6.35)	0
N	.217 (5.51)	.125 (3.18)	60
P	.217 (5.51)	-.125 (-3.18)	120
Q	.000 (0.00)	-.250 (-6.35)	180
R	-.217 (-5.51)	-.125 (-3.18)	240
S	-.217 (-5.51)	.125 (3.18)	300
1	.076 (1.93)	.132 (3.35)	
2	.000 (0.00)	.132 (3.35)	
3	.076 (1.93)	.132 (3.35)	
4	.114 (2.90)	.066 (1.68)	
5	.038 (0.97)	.066 (1.68)	
6	.038 (0.97)	.066 (1.68)	
7	.114 (2.90)	.066 (1.68)	
8	.152 (3.86)	.000 (0.00)	
9	.076 (1.93)	.000 (0.00)	
10	.000 (0.00)	.000 (0.00)	
11	.076 (1.93)	.000 (0.00)	
12	.152 (3.86)	.000 (0.00)	
13	.114 (2.90)	.066 (1.68)	
14	.038 (0.97)	.066 (1.68)	
15	.038 (0.97)	.066 (1.68)	
16	.114 (2.90)	.066 (1.68)	
17	.076 (1.93)	.132 (3.35)	
18	.000 (0.00)	.132 (3.35)	
19	.076 (1.93)	.132 (3.35)	

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



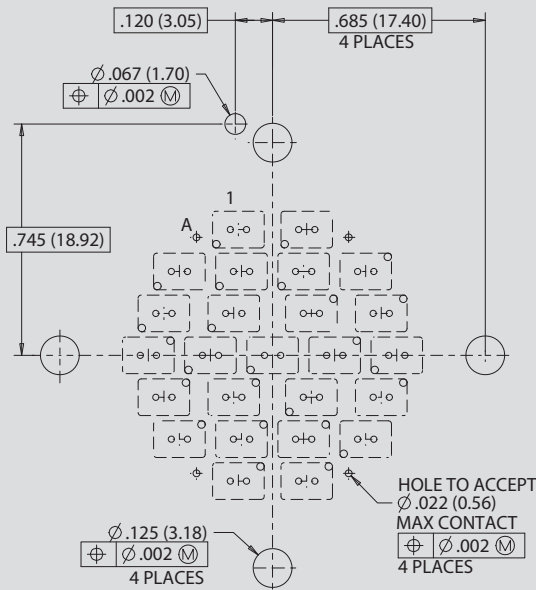
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

SERIES 806 VERSALINK CONNECTORS

**Arrangement No. 22-25V4**  
25X VersaLink  
4X 22HD  
See Note 1 and 2

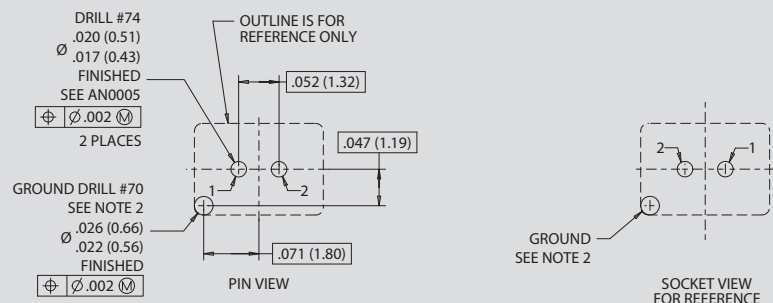


CONTACT POSITIONS		
POS	X	Y
1	-.110 (-2.79)	.405 (10.29)
2	.110 (2.79)	.405 (10.29)
3	-.300 (-7.62)	.270 (6.86)
4	-.100 (-2.54)	.270 (6.86)
5	.100 (2.54)	.270 (6.86)
6	.300 (7.62)	.270 (6.86)
7	-.350 (-8.89)	.135 (3.43)
8	-.125 (-3.18)	.135 (3.43)
9	.125 (3.18)	.135 (3.43)
10	.350 (8.89)	.135 (3.43)
11	-.400 (-10.16)	.000 (0.00)
12	-.200 (-5.08)	.000 (0.00)
13	.000 (0.00)	.000 (0.00)
14	.200 (5.08)	.000 (0.00)
15	.400 (10.16)	.000 (0.00)
16	.350 (8.89)	-.135 (-3.43)
17	-.125 (-3.18)	-.135 (-3.43)
18	.125 (3.18)	-.135 (-3.43)
19	.350 (8.89)	-.135 (-3.43)
20	-.300 (-7.62)	-.270 (-6.86)
21	-.100 (-2.54)	-.270 (-6.86)
22	.100 (2.54)	-.270 (-6.86)
23	.300 (7.62)	-.270 (-6.86)
24	-.110 (-2.79)	-.405 (-10.29)
25	.110 (2.79)	-.405 (-10.29)
A	-.245 (-6.22)	.380 (9.65)
B	.245 (6.22)	.380 (9.65)
C	-.245 (-6.22)	-.380 (-9.65)
D	.245 (6.22)	-.380 (-9.65)

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



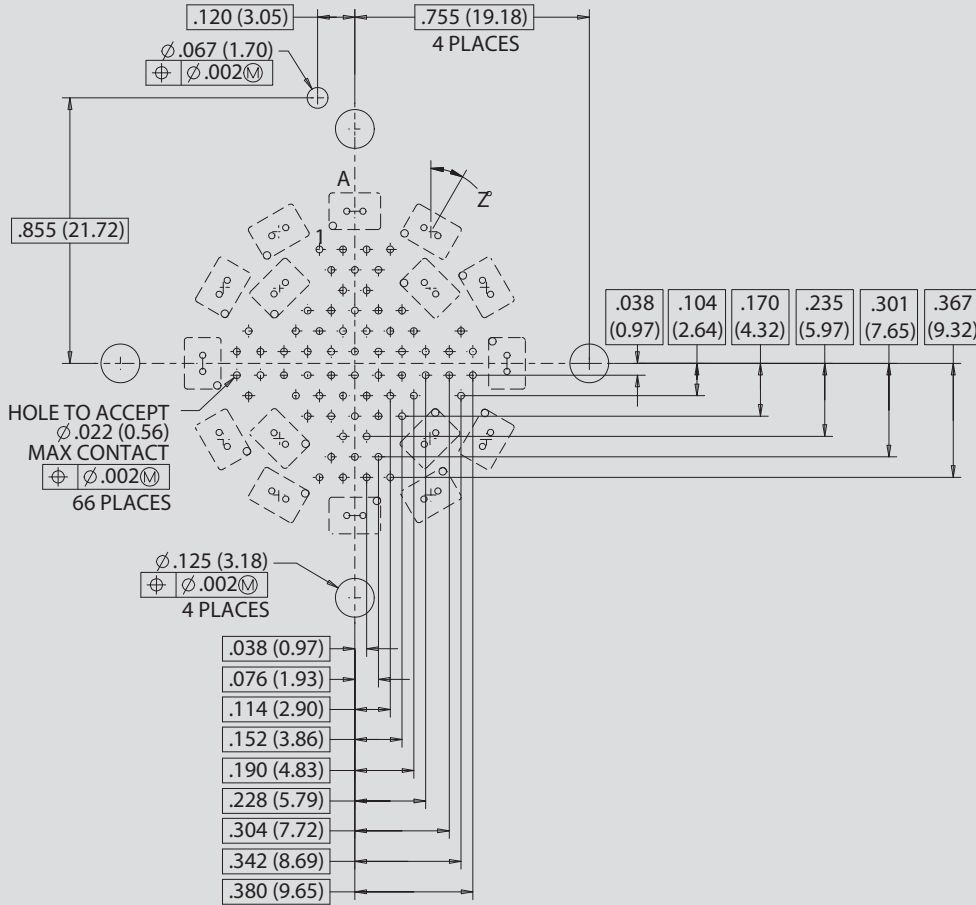


# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

SERIES 806 VERSALINK CONNECTORS



### Arrangement No. 24-16V66

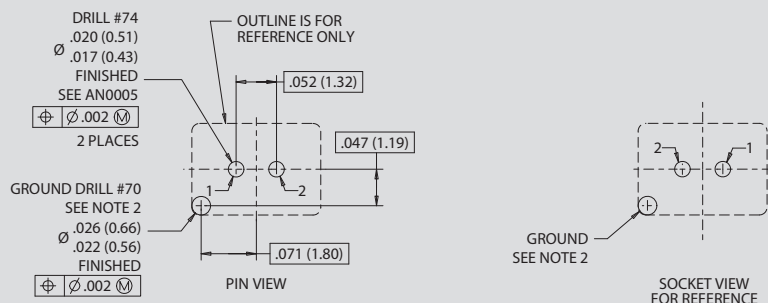
16X VersaLink  
66X 22HD  
See Note 1 and 2

CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
A	.000 (0.00)	.490 (12.45)	0
B	.245 (6.22)	.424 (10.77)	30
C	.424 (10.77)	.245 (6.22)	60
D	.490 (12.45)	.000 (0.00)	90
E	.424 (10.77)	-.245 (-6.22)	120
F	.245 (6.22)	-.424 (-10.77)	150
G	.000 (0.00)	-.490 (-12.45)	180
H	-.245 (-6.22)	-.424 (-10.77)	210
J	-.424 (-10.77)	-.245 (-6.22)	240
K	-.490 (-12.45)	.000 (0.00)	270
M	-.424 (-10.77)	.245 (6.22)	300
N	-.245 (-6.22)	.424 (10.77)	330
P	.42 (10.67)	.242 (6.15)	45
Q	.242 (6.15)	-.242 (-6.15)	135
R	-.242 (-6.15)	-.242 (-6.15)	225
S	-.242 (-6.15)	.242 (6.15)	315

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)



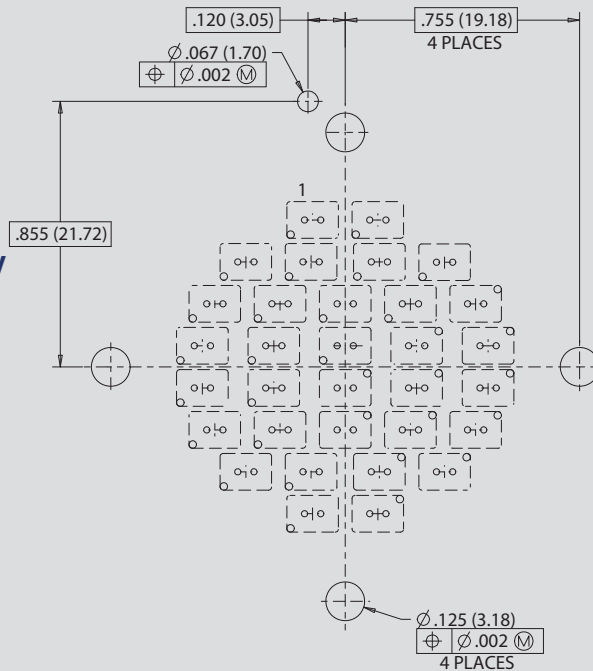
# "ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



## PCB Footprints

SERIES 806 VERSALINK CONNECTORS

**Arrangement No. 24-32V**  
32X VersaLink  
See Note 1 and 2



CONTACT POSITIONS		
POS	X	Y
1	-.105 (-2.67)	.473 (12.01)
2	.105 (2.67)	.473 (12.01)
3	-.320 (-8.13)	.338 (8.59)
4	-.110 (-2.79)	.338 (8.59)
5	.110 (2.79)	.338 (8.59)
6	.320 (8.13)	.338 (8.59)
7	-.420 (-10.67)	.203 (5.16)
8	-.210 (-5.33)	.203 (5.16)
9	.000 (0.00)	.203 (5.16)
10	.210 (5.33)	.203 (5.16)
11	.420 (10.67)	.203 (5.16)
12	-.460 (-11.68)	.068 (1.73)
13	-.230 (-5.84)	.068 (1.73)
14	.000 (0.00)	.068 (1.73)
15	.230 (5.84)	.068 (1.73)
16	.460 (11.68)	.068 (1.73)
17	-.460 (-11.68)	-.068 (-1.73)
18	-.230 (-5.84)	-.068 (-1.73)
19	.000 (0.00)	-.068 (-1.73)
20	.230 (5.84)	-.068 (-1.73)
21	.460 (11.68)	-.068 (-1.73)
22	-.420 (-10.67)	-.203 (-5.16)
23	-.210 (-5.33)	-.203 (-5.16)
24	.000 (0.00)	-.203 (-5.16)
25	.210 (5.33)	-.203 (-5.16)
26	.420 (10.67)	-.203 (-5.16)
27	-.230 (-5.84)	-.203 (-5.16)
28	-.110 (-2.79)	-.338 (-8.59)
29	.110 (2.79)	-.338 (-8.59)
30	.320 (8.13)	-.338 (-8.59)
31	-.105 (-2.67)	-.473 (-12.01)
32	.105 (2.67)	-.473 (-12.01)

### NOTES

1. Location given for each pair is the center of each pair layout.
2. Note the location of the ground leg within each arrangement.
3. See AN0005 for proper PCB design rules.
4. Recommended PCB Layouts are shown for pin cavity locations. Socket arrangements are mirrored. Ground pin location constant.

### VERSALINK PAIR LAYOUT (SEE NOTE 1)

