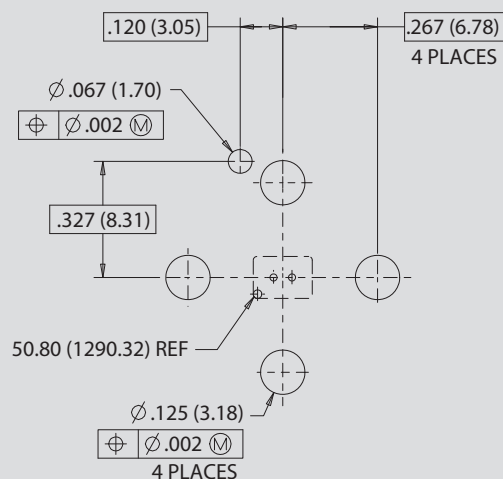


"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors

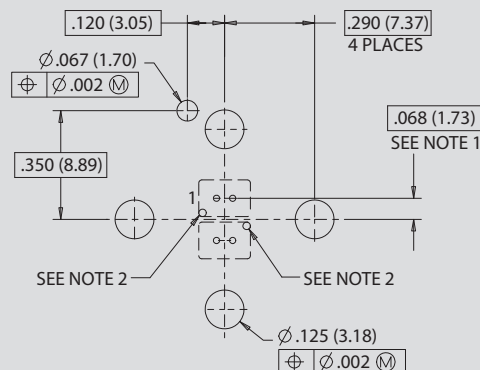


PCB Footprints

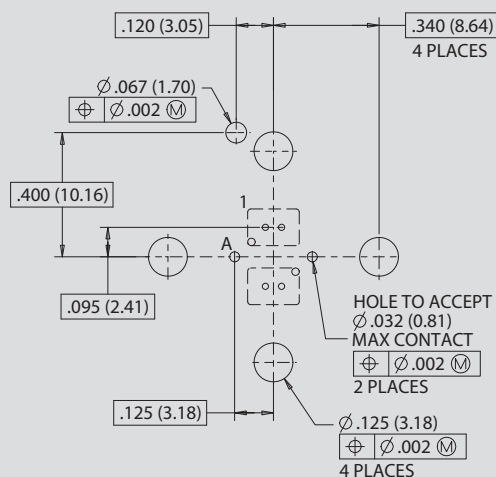
SERIES 806 VERSALINK CONNECTORS



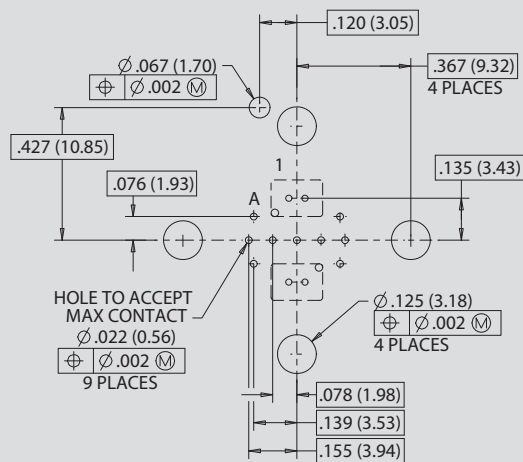
Arrangement No. 8-1V
1X VersaLink



Arrangement No. 9-2V
2X VersaLink



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

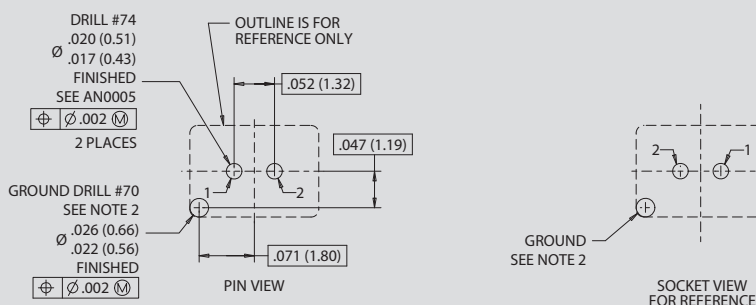


Arrangement No. 11-2V9
2X VersaLink
9X 22HD
See Note 1 and 2

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)



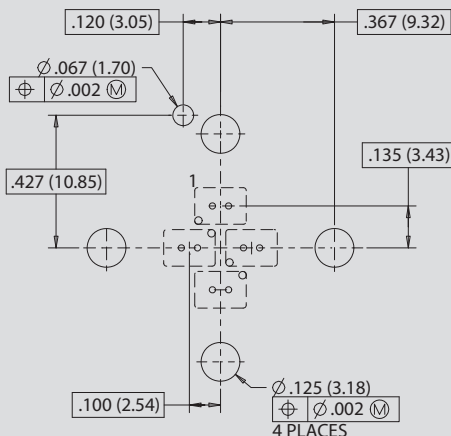
"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



PCB Footprints

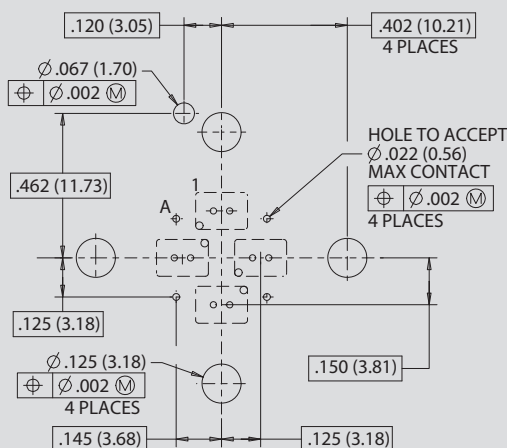
Arrangement No. 11-4V

4X VersaLink
See Note 1 and 2



Arrangement No. 12-4V4

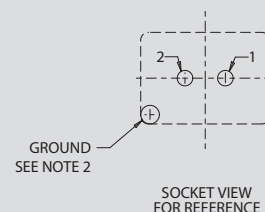
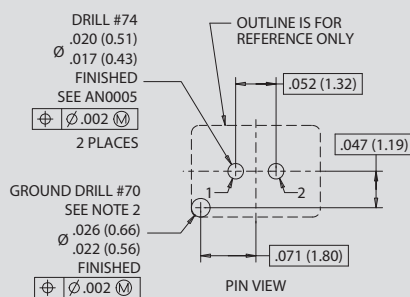
4X VersaLink
4X 22HD
See Note 1 and 2



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)



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



PCB Footprints

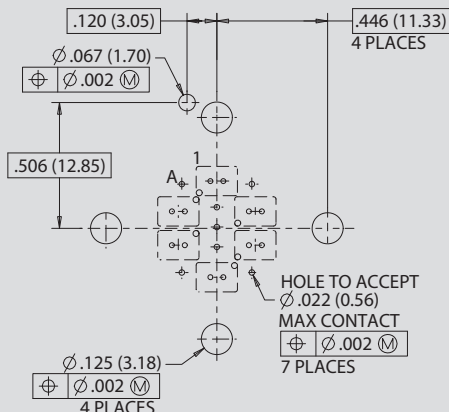
SERIES 806 VERSALINK CONNECTORS

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)

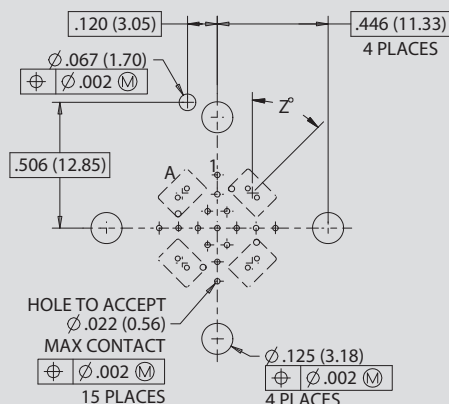
Arrangement No. 14-4V15

2X VersaLink

4X 20HD

15X 22HD

See Note 1 and 2

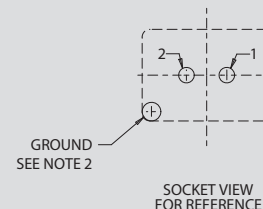
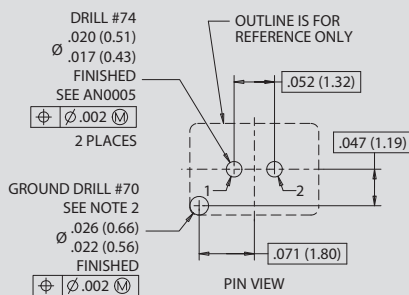


CONTACT POSITIONS			
POS	X	Y	Z° ±0.5°
A	-.141 (-3.58)	.141 (3.58)	315
B	.141 (3.58)	.141 (3.58)	45
C	.141 (3.58)	-.141 (-3.58)	135
D	-.141 (-3.58)	-.141 (-3.58)	225
1	.000 (0.00)	.214 (5.44)	
2	.000 (0.00)	.136 (3.45)	
3	-.039 (-0.99)	.068 (1.73)	
4	.039 (0.99)	.068 (1.73)	
5	-.234 (-5.94)	.000 (0.00)	
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)



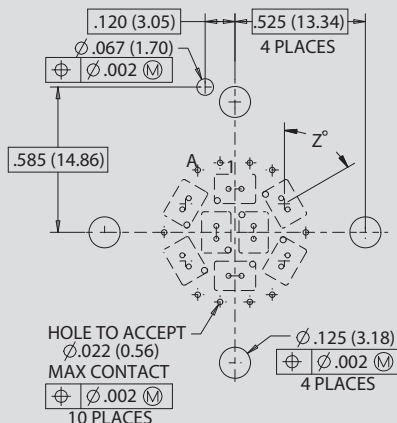
"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



PCB Footprints

Arrangement No. 16-8V10

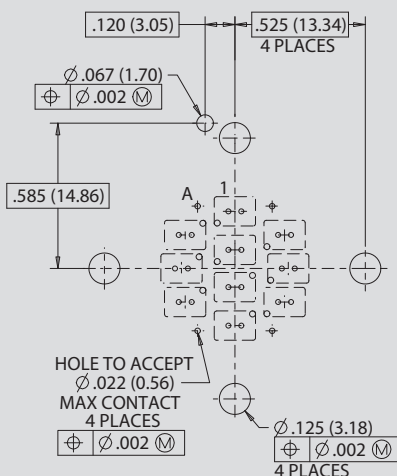
8X VersaLink
10X 22HD
See Note 1 and 2



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

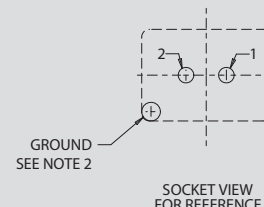
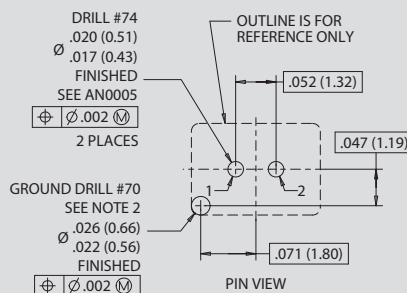


CONTACT POSITIONS		
POS	X	Y
1	.000 (0.00)	.230 (5.84)
2	-.200 (-5.08)	.135 (3.43)
3	.000 (0.00)	.075 (1.91)
4	.200 (5.08)	.135 (3.43)
5	-.215 (-5.46)	.000 (0.00)
6	.000 (0.00)	-.075 (-1.91)
7	.215 (5.46)	.000 (0.00)
8	-.200 (-5.08)	-.135 (-3.43)
9	.000 (0.00)	-.230 (-5.84)
10	.200 (5.08)	.135 (3.43)
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

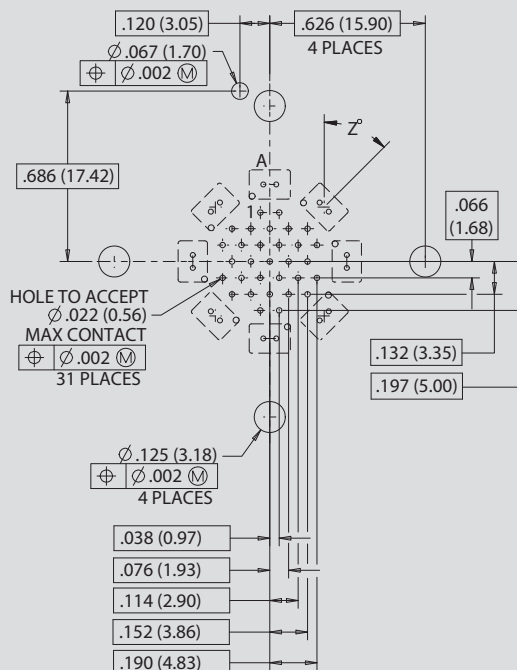


PCB Footprints

SERIES 806 VERSALINK CONNECTORS

Arrangement No. 16-8V31

8X VersaLink
31X 22HD
See Note 1 and 2

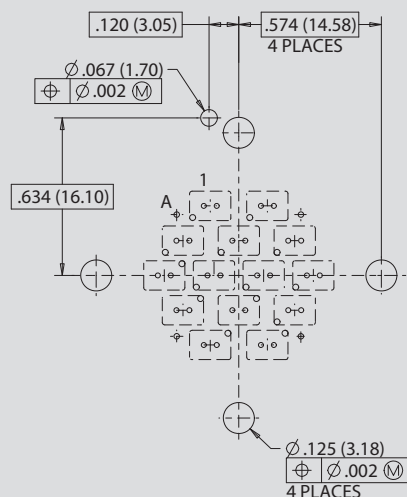


CONTACT POSITIONS

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



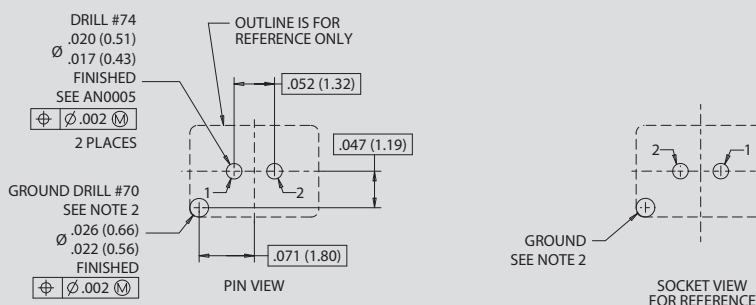
CONTACT POSITIONS

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

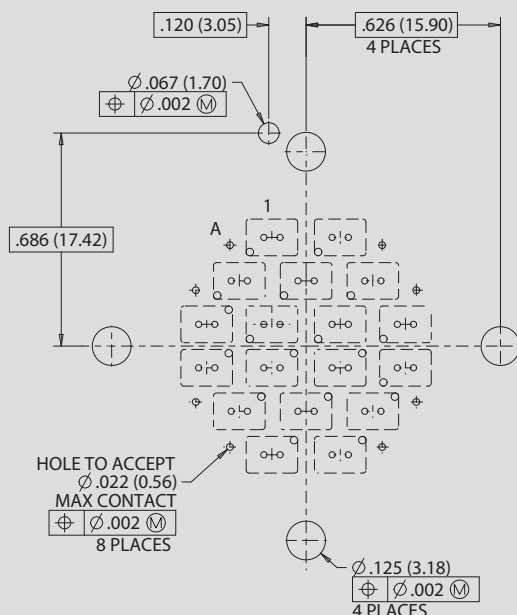
SERIES 806 VERSALINK CONNECTORS

Arrangement No. 20-18V8

18X VersaLink

8X 22HD

See Note 1 and 2



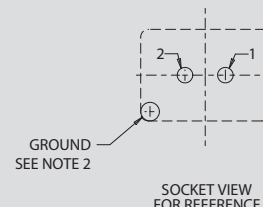
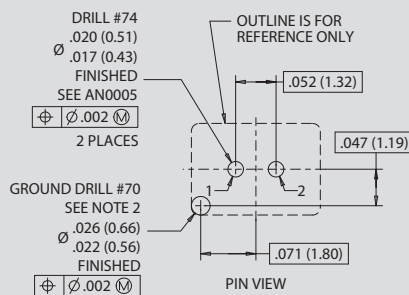
CONTACT POSITIONS

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.

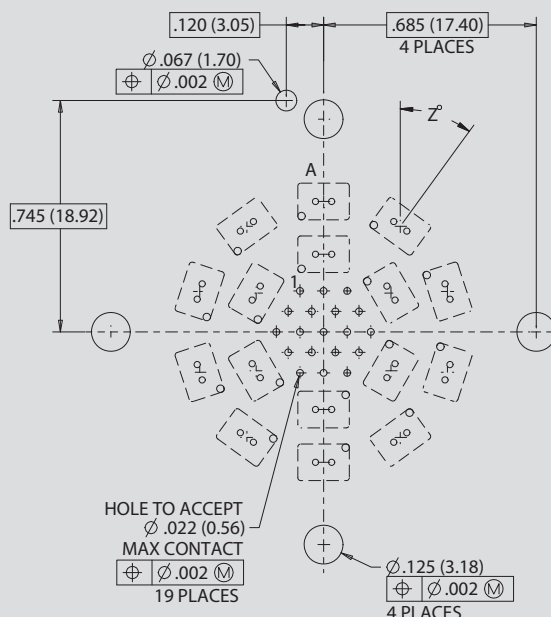
VERSALINK PAIR LAYOUT (SEE NOTE 1)



Glenair

SERIES 806 VERSALINK CONNECTORS

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)	

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.

DRILL #74
 $\varnothing$.020 (0.51)
 $\varnothing$.017 (0.43)
 FINISHED
 SEE AN0005

2 PLACES

GROUND DRILL #70
 SEE NOTE 2
 $\varnothing$.026 (0.66)
 $\varnothing$.022 (0.56)
 FINISHED

OUTLINE IS FOR REFERENCE ONLY

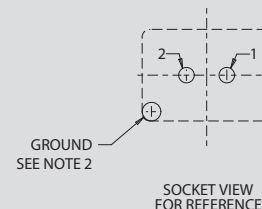
.052 (1.32)

.047 (1.19)

.071 (1.80)

1 2

PIN VIEW



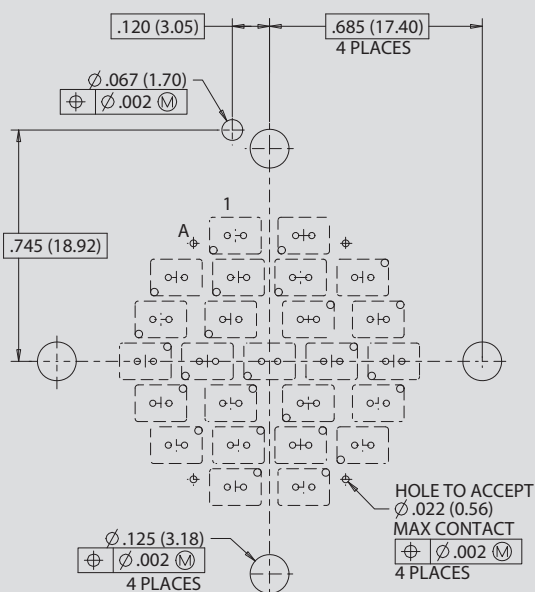
"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



PCB Footprints

SERIES 806 VERSALINK CONNECTORS

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

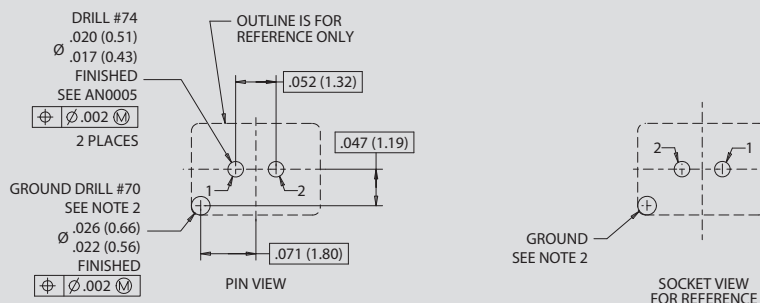


CONTACT POSITIONS		
POS	X	Y
1	-.110 (-2.79)	.405 (10.29)
2	.110 (2.79)	.405 (10.29)
3	-.300 (-7.62)	.270 (6.86)
4	-.100 (-2.54)	.270 (6.86)
5	.100 (2.54)	.270 (6.86)
6	.300 (7.62)	.270 (6.86)
7	-.350 (-8.89)	.135 (3.43)
8	-.125 (-3.18)	.135 (3.43)
9	.125 (3.18)	.135 (3.43)
10	.350 (8.89)	.135 (3.43)
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)

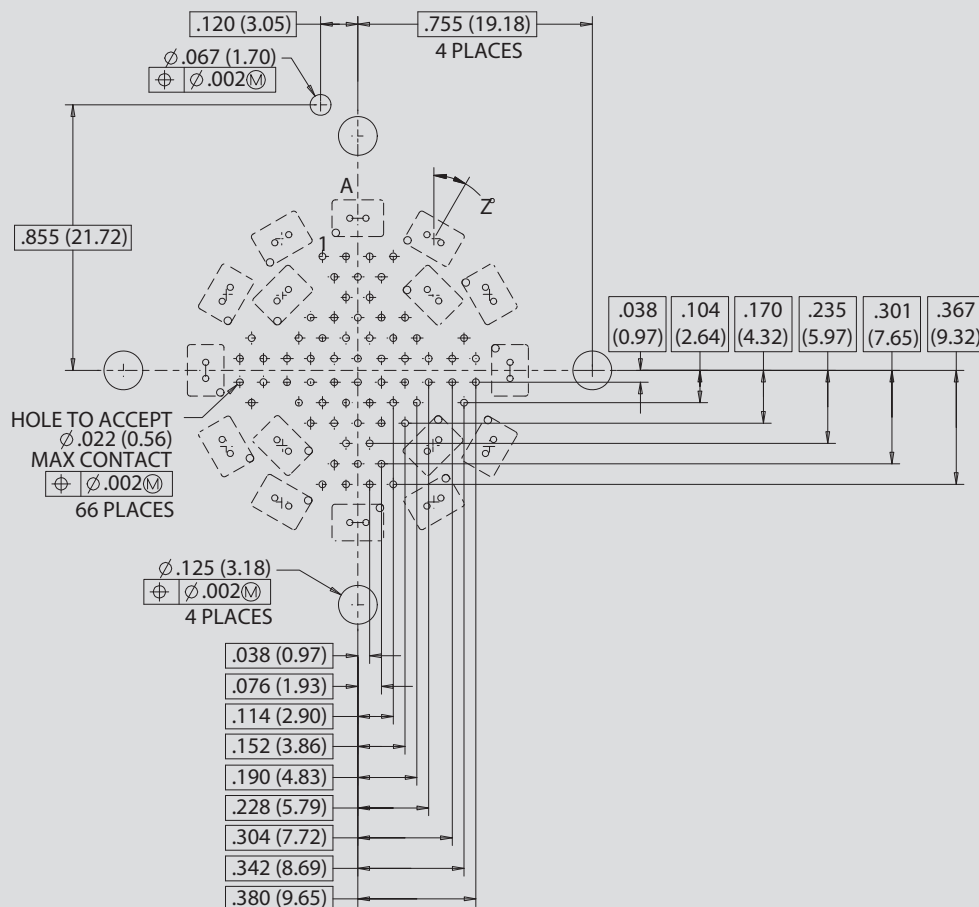


"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



PCB Footprints

SERIES 806 VERSALINK CONNECTORS



Arrangement No. 24-16V66

16X VersaLink

66X 22HD

See Note 1 and 2

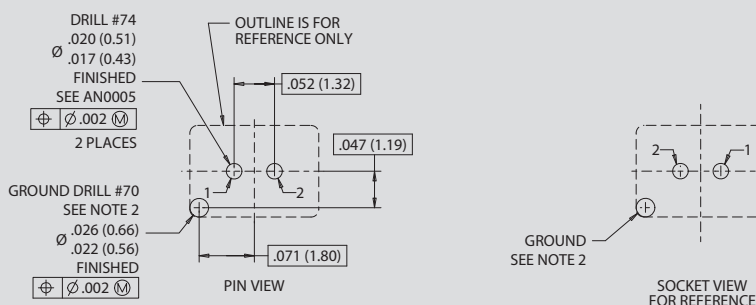
CONTACT POSITIONS

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)



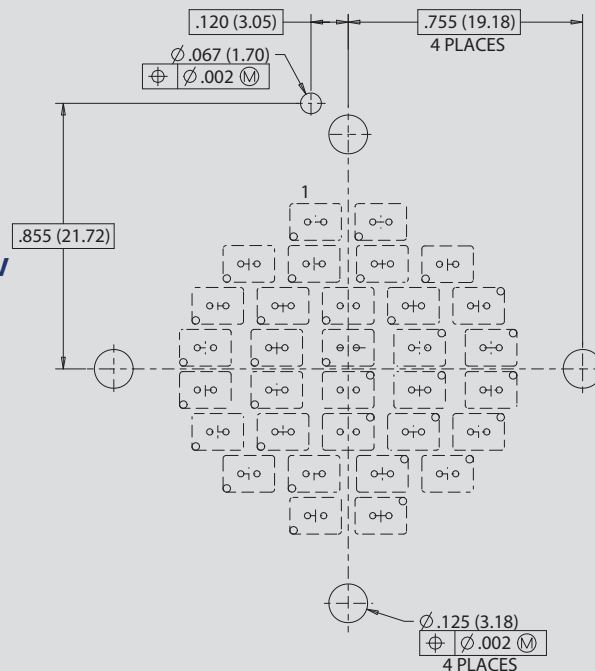
"ZERO-CROSSTALK" Series 806 Mil-Aero VersaLink™ Connectors



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)

