

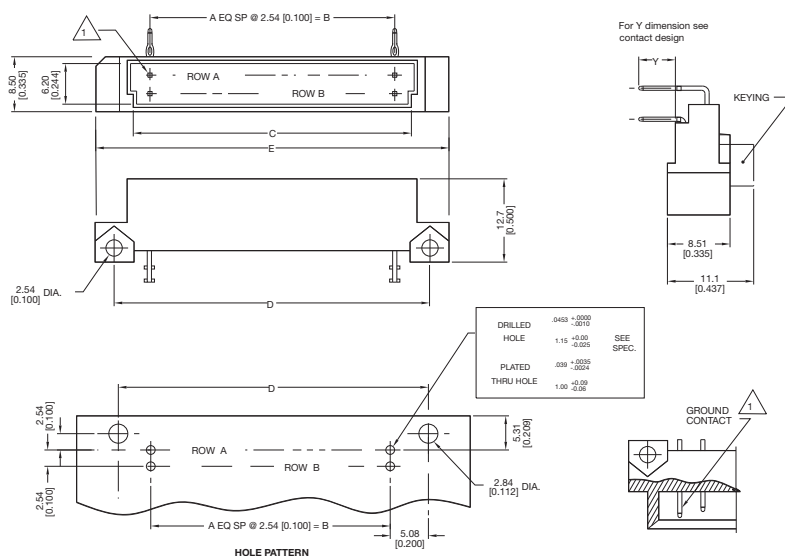


NB: Alternative Prefix Variations Available: 12, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

## DIMENSIONS



$\triangle$  denotes ground pin



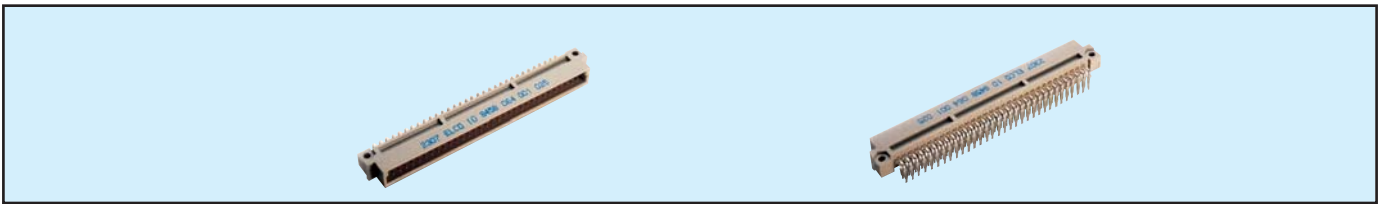
Assembly Tool: 06 8458 9221 00 000 (see page 67)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 32                    | 2 (2 x 16)   | 15 | 38.10<br>(1 500) | 44.55<br>(1 754) | 48.26<br>(1 900) | 53.34<br>(2 100) |

# Male Style B Press-Fit



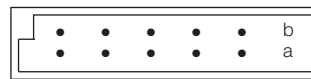
## Series 8458 – 2 rows (2 x 32)



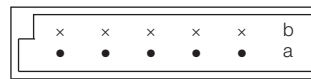
| Contact Design and Termination Length                   | Number of Contacts                                                                | Loading Description | Part Number                                |                     |
|---------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------|--------------------------------------------|---------------------|
|                                                         |                                                                                   |                     | Performance classes according to DIN 41612 |                     |
| <b>for ≥ 2.4 mm PCB's</b><br>5.3 mm (Y)<br>Right Angled |  |                     | II                                         | I                   |
|                                                         |                                                                                   |                     | 10 8458 064 001 025                        | 10 8458 064 001 049 |
|                                                         |                                                                                   |                     | 10 8458 064 001 027                        | 10 8458 064 001 051 |
| <b>for 1.6 mm PCB's</b><br>3.0 mm (Y)<br>Right Angled   |  |                     | 10 8458 064 101 025                        | 10 8458 064 101 049 |
|                                                         |                                                                                   |                     | 10 8458 064 031 025                        | 10 8458 064 031 049 |
|                                                         |                                                                                   |                     | 10 8458 064 031 027                        | 10 8458 064 031 051 |
|                                                         |                                                                                   |                     | 10 8458 064 131 025                        | 10 8458 064 131 049 |
|                                                         |                                                                                   |                     |                                            |                     |
|                                                         |                                                                                   |                     |                                            |                     |

NB: Alternative Prefix Variations Available: 12, please refer to Page 10.  
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

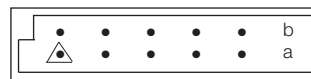
### LOADING DESCRIPTION



64 contacts, rows a + b fully loaded



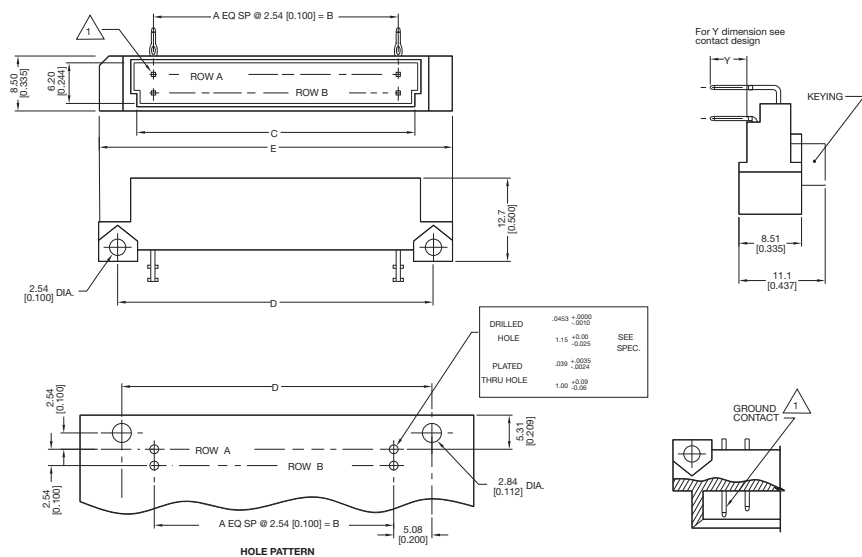
32 contacts, row a loading only



62 + 2 contacts, fully loaded with ground in A1 & A32

△ denotes ground pin

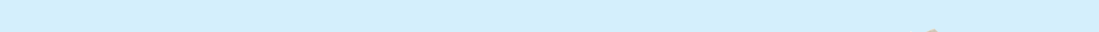
### DIMENSIONS



Assembly Tool: 06 8458 9261 00 000 (see page 67)

Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 64                    | 2 (2 x 32)   | 31 | 78.74<br>(3.100) | 85.19<br>(3.354) | 88.90<br>(3.500) | 93.98<br>(3.700) |



NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.  
Installed using Flat Rock method (see page 66)

## DIMENSIONS



# Male Style 1/3 C Press-Fit



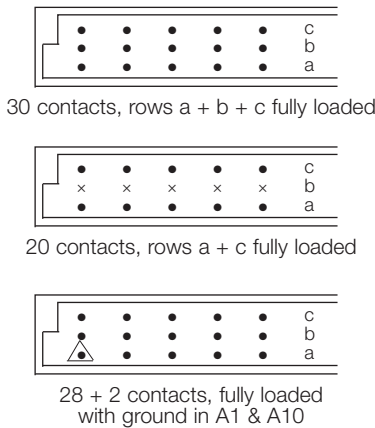
## Series 8458 – 3 rows (3 x 10)



| Contact Design and Termination Length                          | Number of Contacts | Loading Description    | Part Number                                |                     |
|----------------------------------------------------------------|--------------------|------------------------|--------------------------------------------|---------------------|
|                                                                |                    |                        | Performance classes according to DIN 41612 |                     |
| for ≥ 2.4 mm PCB's<br>5.3 mm (Y) (0.6" x 0.6")<br>Right Angled | 30                 | a + b + c fully loaded | 10 8458 030 001 025                        | 10 8458 030 001 049 |
|                                                                |                    | a + c fully loaded     | 10 8458 030 001 026                        | 10 8458 030 001 050 |
|                                                                | 28 + 2             | fully loaded + ground  | 10 8458 030 101 025                        | 10 8458 030 101 049 |
| for 1.6 mm PCB's<br>3.0 mm (Y) (0.6" x 0.6")<br>Right Angled   | 30                 | a + b + c fully loaded | 10 8458 030 031 025                        | 10 8458 030 031 049 |
|                                                                |                    | a + c fully loaded     | 10 8458 030 031 026                        | 10 8458 030 031 050 |
|                                                                | 28 + 2             | fully loaded + ground  | 10 8458 030 131 025                        | 10 8458 030 131 049 |

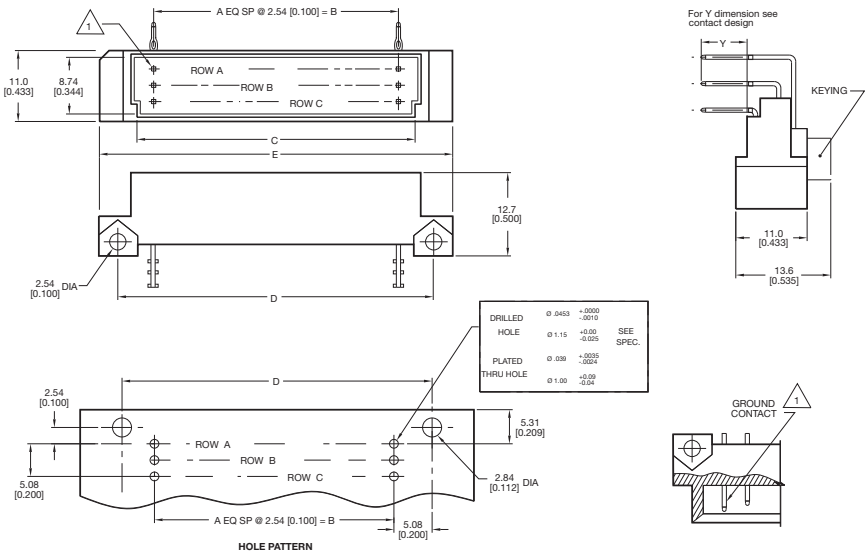
NB: Alternative Prefix Variations Available: 12, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



△ denotes ground pin

### DIMENSIONS



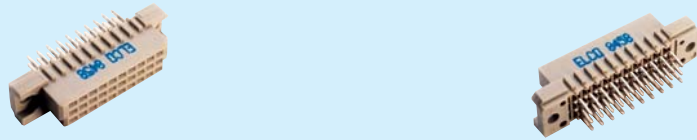
Assembly Tool: 06 8458 9241 00 000 (see page 67)

Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A | B                | C                | D                | E                |
|-----------------------|--------------|---|------------------|------------------|------------------|------------------|
| 30                    | 3 (3 x 10)   | 9 | 22.86<br>(0.900) | 29.41<br>(1.158) | 33.02<br>(1.300) | 38.02<br>(1.497) |

# Female Style 1/3 C Press-Fit

Series 8458 – 3 rows (3 x 10)

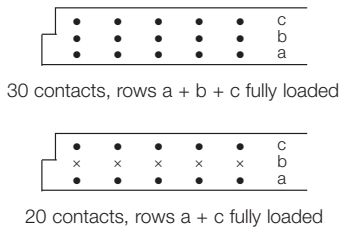


| Contact Design and Termination Length | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---------------------------------------|--------------------|------------------------|--------------------------------------------------------|---------------------|
|                                       |                    |                        | II                                                     | I                   |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 001 025                                    | 20 8458 030 001 049 |
| 5.3 mm (Y) Straight                   | 20                 | a + c fully loaded     | 20 8458 030 001 026                                    | 20 8458 030 001 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 002 025                                    | 20 8458 030 002 049 |
| 9.3 mm (Y) Straight                   | 20                 | a + c fully loaded     | 20 8458 030 002 026                                    | 20 8458 030 002 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 003 025                                    | 20 8458 030 003 049 |
| 16.2 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 003 026                                    | 20 8458 030 003 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 004 025                                    | 20 8458 030 004 049 |
| 23.2 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 004 026                                    | 20 8458 030 004 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 005 025                                    | 20 8458 030 005 049 |
| 13.2 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 005 026                                    | 20 8458 030 005 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 009 025                                    | 20 8458 030 009 049 |
| 12.0 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 009 026                                    | 20 8458 030 009 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 010 025                                    | 20 8458 030 010 049 |
| 20.3 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 010 026                                    | 20 8458 030 010 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 012 025                                    | 20 8458 030 012 049 |
| 17.0 mm (Y) Straight                  | 20                 | a + c fully loaded     | 20 8458 030 012 026                                    | 20 8458 030 012 050 |
| <b>for 1.6 mm PCB's</b>               |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 30                 | a + b + c fully loaded | 20 8458 030 031 025                                    | 20 8458 030 031 049 |
| 3.0 mm (Y) Straight                   | 20                 | a + c fully loaded     | 20 8458 030 031 026                                    | 20 8458 030 031 050 |

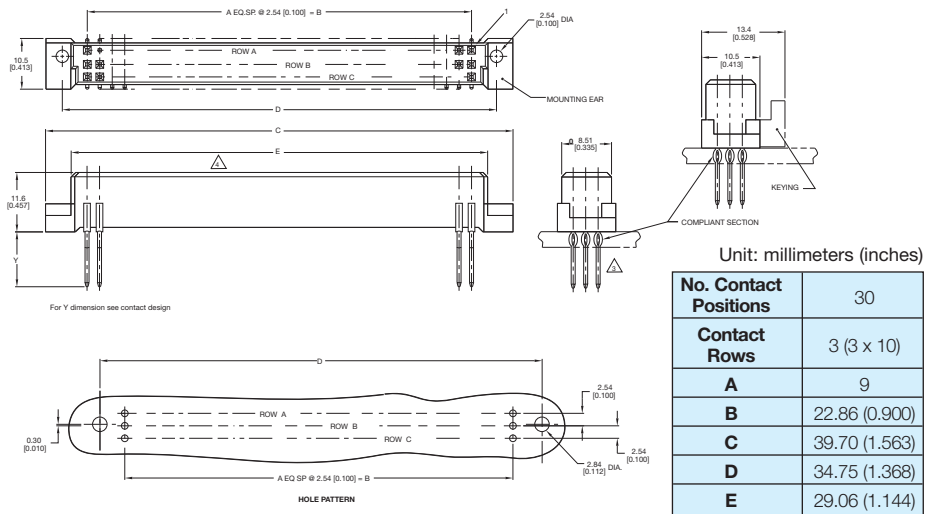
NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

## LOADING DESCRIPTION



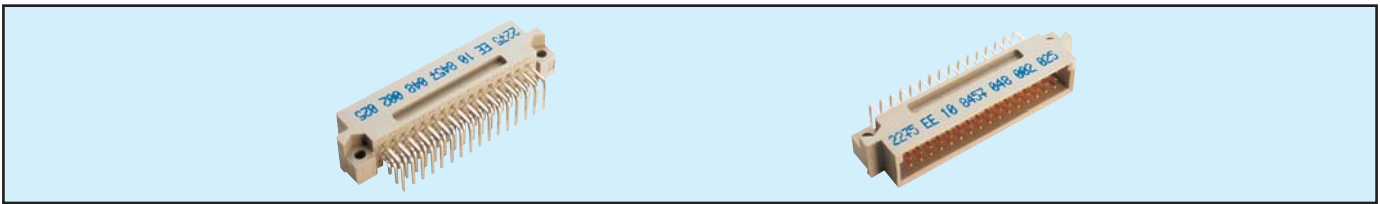
## DIMENSIONS



# Male Style 1/2 C Press-Fit



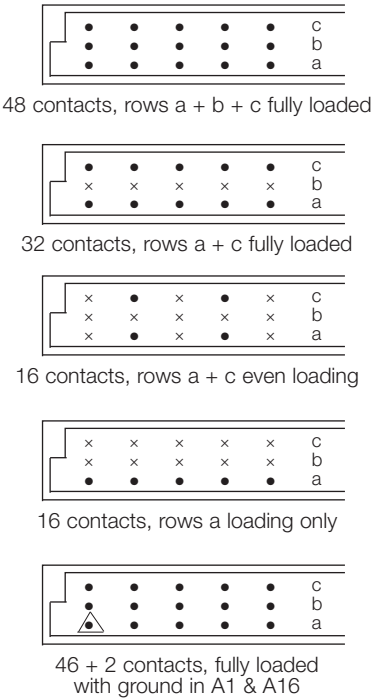
## Series 8458 – 3 rows (3 x 16)



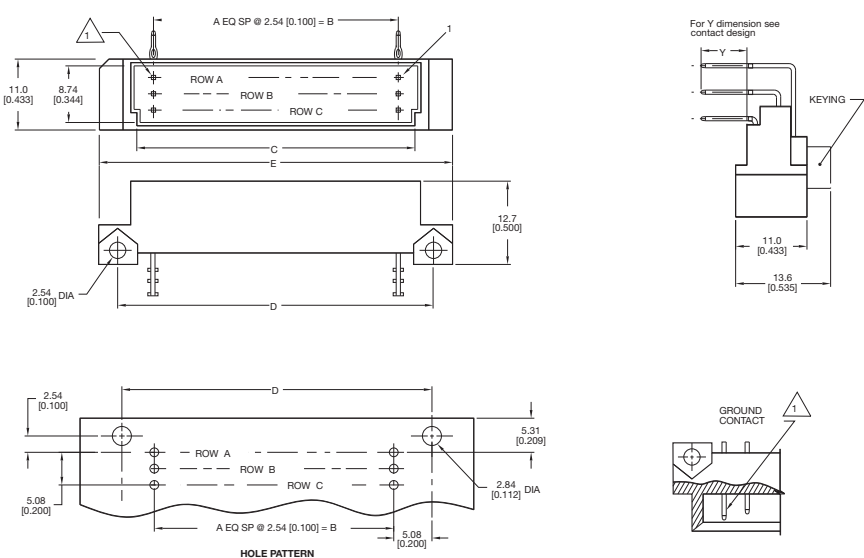
| Contact Design and Termination Length                                                                                                                               | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|--------------------------------------------------------|---------------------|
|                                                                                                                                                                     |                    |                        | II                                                     | I                   |
| for ≥ 2.4 mm PCB's<br><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled<br> | 48                 | a + b + c fully loaded | 10 8458 048 001 025                                    | 10 8458 048 001 049 |
|                                                                                                                                                                     | 32                 | a + c fully loaded     | 10 8458 048 001 026                                    | 10 8458 048 001 050 |
|                                                                                                                                                                     | 16                 | a + c even loading     | 10 8458 048 001 033                                    | 10 8458 048 001 057 |
|                                                                                                                                                                     | 16                 | a loading only         | 10 8458 048 001 027                                    | 10 8458 048 001 051 |
|                                                                                                                                                                     | 46 + 2             | fully loaded + ground  | 10 8458 048 101 025                                    | 10 8458 048 101 049 |
|                                                                                                                                                                     |                    |                        |                                                        |                     |
| for 1.6 mm PCB's<br><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Right Angled<br>   | 48                 | a + b + c fully loaded | 10 8458 048 031 025                                    | 10 8458 048 031 049 |
|                                                                                                                                                                     | 32                 | a + c fully loaded     | 10 8458 048 031 026                                    | 10 8458 048 031 050 |
|                                                                                                                                                                     | 16                 | a + c even loading     | 10 8458 048 031 033                                    | 10 8458 048 031 057 |
|                                                                                                                                                                     | 16                 | a loading only         | 10 8458 048 031 027                                    | 10 8458 048 031 051 |
|                                                                                                                                                                     | 46 + 2             | fully loaded + ground  | 10 8458 048 131 025                                    | 10 8458 048 131 049 |
|                                                                                                                                                                     |                    |                        |                                                        |                     |

NB: Alternative Prefix Variations Available: please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



### DIMENSIONS



Assembly Tool: 06 8458 9231 00 000 (see page 67)

Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 48                    | 3 (3 x 16)   | 15 | 38.10<br>(1.500) | 44.70<br>(1.760) | 48.26<br>(1.900) | 53.90<br>(2.122) |

△ denotes ground pin

# Female Style 1/2 C Press-Fit



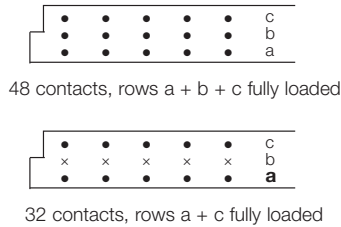
## Series 8458 – 3 rows (3 x 16)



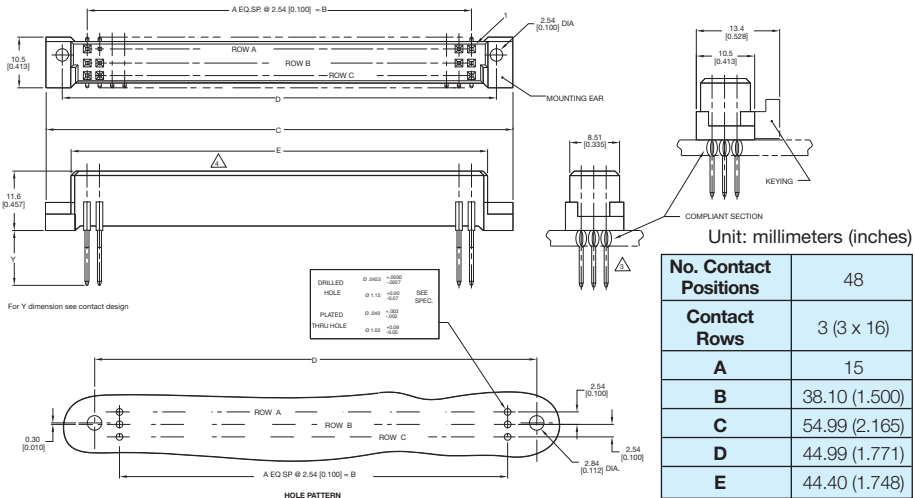
| Contact Design and Termination Length                                          | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|--------------------------------------------------------------------------------|--------------------|------------------------|--------------------------------------------------------|---------------------|
|                                                                                |                    |                        | II                                                     | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 48                 | a + b + c fully loaded | 20 8458 048 001 025                                    | 20 8458 048 001 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 001 026                                    | 20 8458 048 001 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 48                 | a + b + c fully loaded | 20 8458 048 002 025                                    | 20 8458 048 002 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 002 026                                    | 20 8458 048 002 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 003 025                                    | 20 8458 048 003 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 003 026                                    | 20 8458 048 003 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 004 025                                    | 20 8458 048 004 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 004 026                                    | 20 8458 048 004 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 005 025                                    | 20 8458 048 005 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 005 026                                    | 20 8458 048 005 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>12.0 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 009 025                                    | 20 8458 048 009 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 009 026                                    | 20 8458 048 009 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.3 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 010 025                                    | 20 8458 048 010 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 010 026                                    | 20 8458 048 010 050 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>17.0 mm (Y) Straight | 48                 | a + b + c fully loaded | 20 8458 048 012 025                                    | 20 8458 048 012 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 012 026                                    | 20 8458 048 012 050 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 48                 | a + b + c fully loaded | 20 8458 048 031 025                                    | 20 8458 048 031 049 |
|                                                                                | 32                 | a + c fully loaded     | 20 8458 048 031 026                                    | 20 8458 048 031 050 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.  
Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION

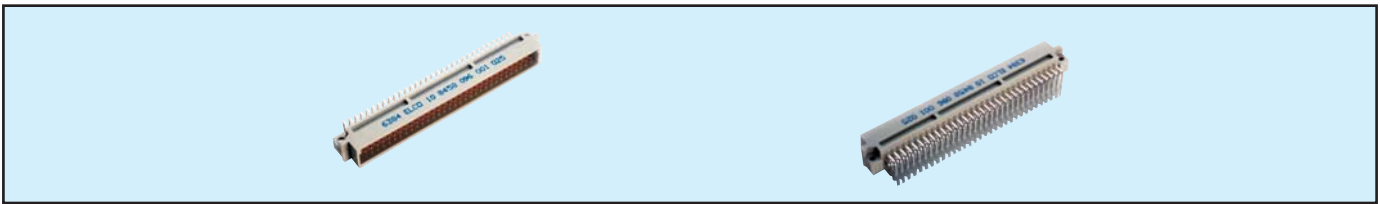


### DIMENSIONS



# Male Style C Press-Fit

## Series 8458 – 3 rows (3 x 32)



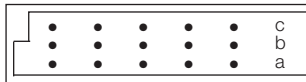
| Contact Design and Termination Length                                                                                                                           | Number of Contacts | Loading Description    | Part Number<br>Performance classes according to DIN 41612 |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------|-----------------------------------------------------------|---------------------|
|                                                                                                                                                                 |                    |                        | II                                                        | I                   |
| for ≥ 2.4 mm PCB's<br><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 96                 | a + b + c fully loaded | 10 8458 096 001 025                                       | 10 8458 096 001 049 |
|                                                                                                                                                                 | 64                 | a + c fully loaded     | 10 8458 096 001 026                                       | 10 8458 096 001 050 |
|                                                                                                                                                                 | 32                 | a + c even loading     | 10 8458 096 001 033                                       | 10 8458 096 001 057 |
|                                                                                                                                                                 | 32                 | a loading only         | 10 8458 096 001 027                                       | 10 8458 096 001 051 |
|                                                                                                                                                                 | 94 + 2             | fully loaded + ground  | 10 8458 096 101 025                                       | 10 8458 096 101 049 |
| for 1.6 mm PCB's<br><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Right Angled   | 96                 | a + b + c fully loaded | 10 8458 096 031 025                                       | 10 8458 096 031 049 |
|                                                                                                                                                                 | 64                 | a + c fully loaded     | 10 8458 096 031 026                                       | 10 8458 096 031 050 |
|                                                                                                                                                                 | 32                 | a + c even loading     | 10 8458 096 031 033                                       | 10 8458 096 031 057 |
|                                                                                                                                                                 | 32                 | a loading only         | 10 8458 096 031 027                                       | 10 8458 096 031 051 |
|                                                                                                                                                                 | 94 + 2             | fully loaded + ground  | 10 8458 096 131 025                                       | 10 8458 096 131 049 |

NB: Alternative Prefix Variations Available: 12, please refer to Page 10.

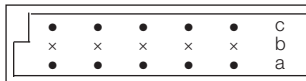
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION

### DIMENSIONS



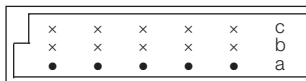
96 contacts, rows a + b + c fully loaded



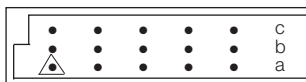
64 contacts, rows a + c fully loaded



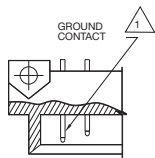
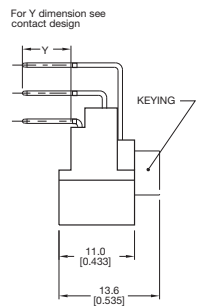
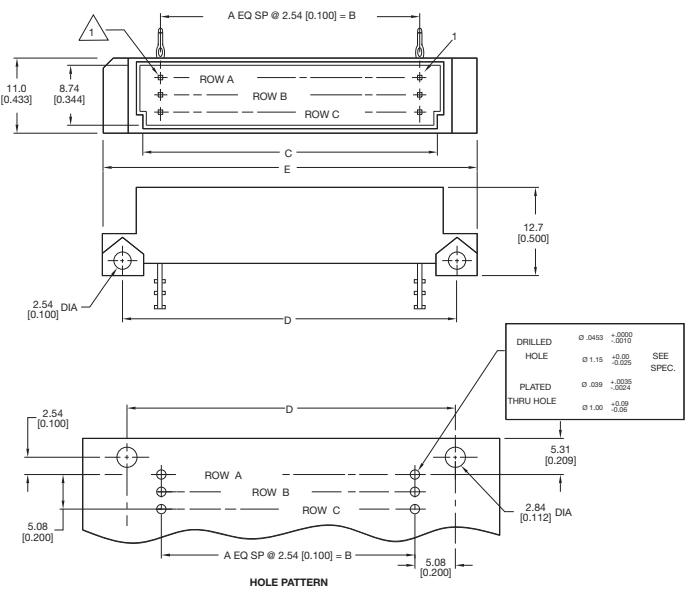
32 contacts, rows a + c even loading



32 contacts, row a loading only



94 + 2 contacts, fully loaded with ground in A1 + A32



Assembly Tool: 06 8458 9271 00 000 (see page 67)

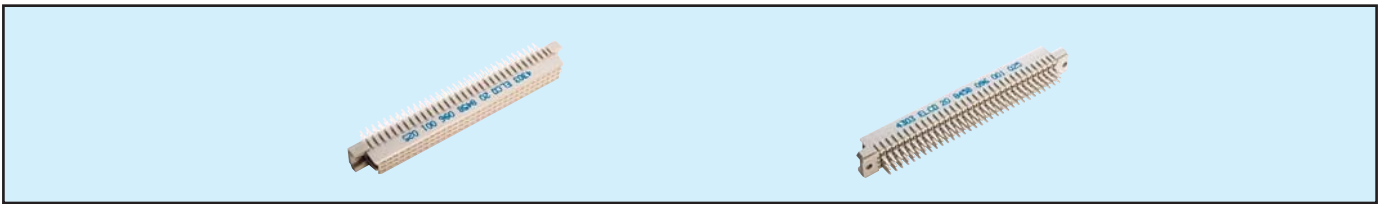
△ denotes ground pin

Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 96                    | 3 (3 x 32)   | 31 | 78.74<br>(3.100) | 85.29<br>(3.358) | 88.90<br>(3.500) | 93.90<br>(3.697) |

# Female Style C Press-Fit

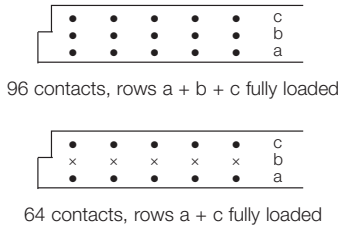
Series 8458 – 3 rows (3 x 32)



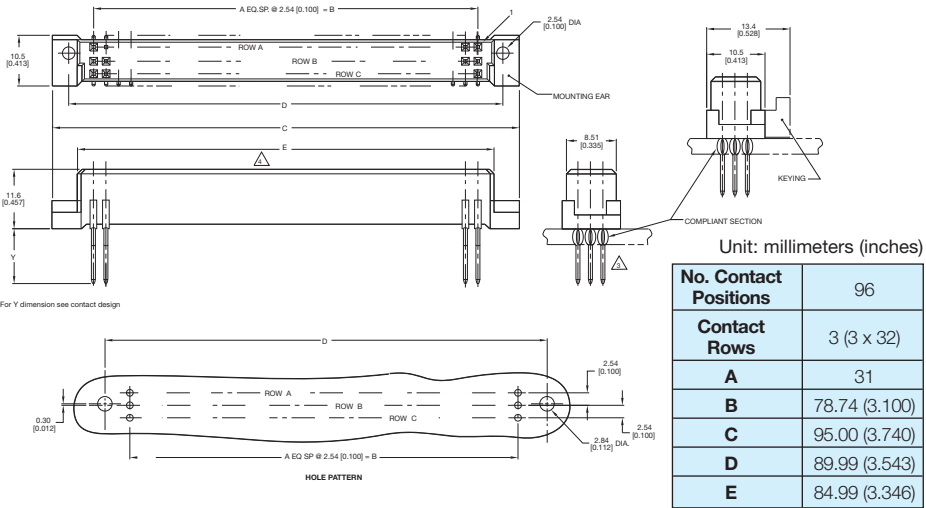
| Contact Design and Termination Length | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---------------------------------------|--------------------|------------------------|--------------------------------------------------------|---------------------|
|                                       |                    |                        | II                                                     | I                   |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 001 025                                    | 20 8458 096 001 049 |
| 5.3 mm (Y) Straight                   | 64                 | a + c fully loaded     | 20 8458 096 001 026                                    | 20 8458 096 001 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 002 025                                    | 20 8458 096 002 049 |
| 9.3 mm (Y) Straight                   | 64                 | a + c fully loaded     | 20 8458 096 002 026                                    | 20 8458 096 002 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 003 025                                    | 20 8458 096 003 049 |
| 16.2 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 003 026                                    | 20 8458 096 003 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 004 025                                    | 20 8458 096 004 049 |
| 23.2 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 004 026                                    | 20 8458 096 004 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 005 025                                    | 20 8458 096 005 049 |
| 13.2 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 005 026                                    | 20 8458 096 005 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 009 025                                    | 20 8458 096 009 049 |
| 12.0 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 009 026                                    | 20 8458 096 009 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 010 025                                    | 20 8458 096 010 049 |
| 20.3 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 010 026                                    | 20 8458 096 010 050 |
| <b>for ≥ 2.4 mm PCB's</b>             |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 012 025                                    | 20 8458 096 012 049 |
| 17.0 mm (Y) Straight                  | 64                 | a + c fully loaded     | 20 8458 096 012 026                                    | 20 8458 096 012 050 |
| <b>for 1.6 mm PCB's</b>               |                    |                        |                                                        |                     |
| 0.6 x 0.6 mm Post Profile             | 96                 | a + b + c fully loaded | 20 8458 096 031 025                                    | 20 8458 096 031 049 |
| 3.0 mm (Y) Straight                   | 64                 | a + c fully loaded     | 20 8458 096 031 026                                    | 20 8458 096 031 050 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.  
Installed using Flat Rock method (see page 66)

## LOADING DESCRIPTION



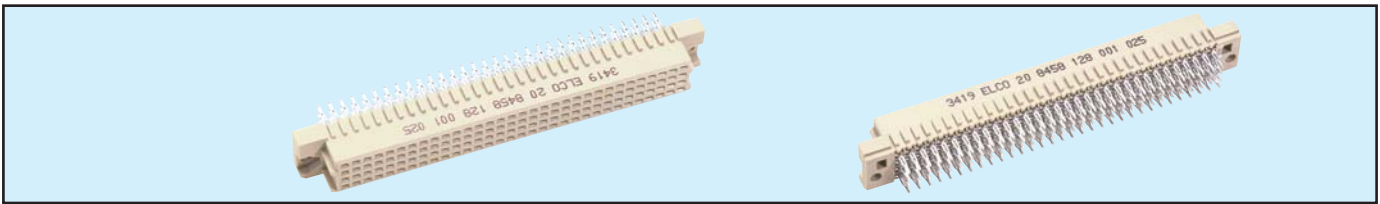
## DIMENSIONS



# Female Style C Expanded Press-Fit



## Series 8458 – 4 rows (4 x 32)



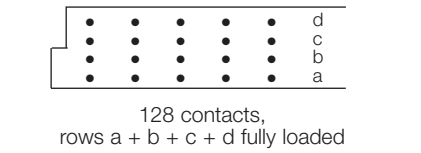
| Contact Design and Termination Length     | Number of Contacts | Loading Description        | Part Number                                |                     |
|-------------------------------------------|--------------------|----------------------------|--------------------------------------------|---------------------|
|                                           |                    |                            | Performance classes according to DIN 41612 |                     |
|                                           |                    |                            | II                                         | I                   |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 001 025                        | 20 8458 128 001 049 |
| 5.3 mm (Y) Straight                       |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 002 025                        | 20 8458 128 002 049 |
| 9.3 mm (Y) Straight                       |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 003 025                        | 20 8458 128 003 049 |
| 16.2 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 004 025                        | 20 8458 128 004 049 |
| 23.2 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 005 025                        | 20 8458 128 005 049 |
| 13.2 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 009 025                        | 20 8458 128 009 049 |
| 12.0 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 010 025                        | 20 8458 128 010 049 |
| 20.3 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b> |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 012 025                        | 20 8458 128 012 049 |
| 17.0 mm (Y) Straight                      |                    |                            |                                            |                     |
| <b>for 1.6 mm PCB's</b>                   |                    |                            |                                            |                     |
| 0.6 x 0.6 mm Post Profile                 | 128                | a + b + c + d fully loaded | 20 8458 128 031 025                        | 20 8458 128 031 049 |
| 3.0 mm (Y) Straight                       |                    |                            |                                            |                     |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

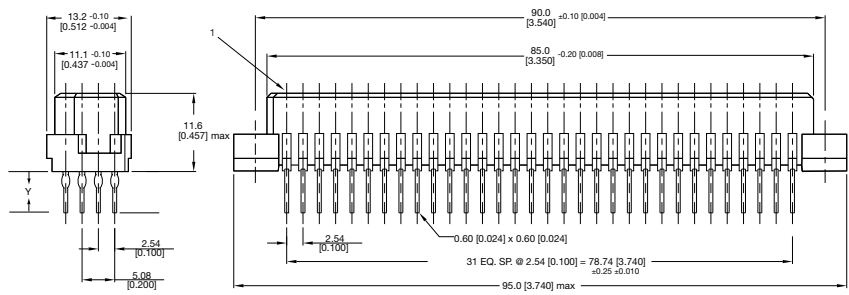
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION



### DIMENSIONS



Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B             | C             | D             | E             | F             | G             |
|-----------------------|--------------|----|---------------|---------------|---------------|---------------|---------------|---------------|
| 128                   | 4 (4 x 32)   | 31 | 78.74 (3.100) | 95.00 (3.740) | 90.00 (3.543) | 85.00 (3.346) | 11.00 (0.433) | 13.10 (0.516) |

# Female Style C Expanded Press-Fit



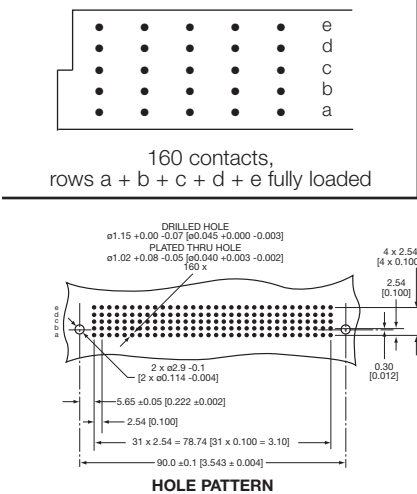
## Series 8458 – 5 rows (5 x 32)



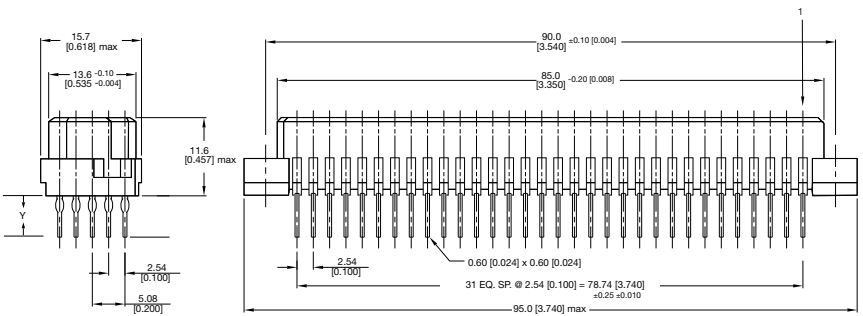
| Contact Design and Termination Length                                                          | Number of Contacts | Loading Description            | Part Number Performance classes according to DIN 41612 |                     |
|------------------------------------------------------------------------------------------------|--------------------|--------------------------------|--------------------------------------------------------|---------------------|
|                                                                                                |                    |                                | II                                                     | I                   |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 160                | a + b + c + d + e fully loaded | 20 8458 160 001 025                                    | 20 8458 160 001 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 160                | a + b + c + d + e fully loaded | 20 8458 160 002 025                                    | 20 8458 160 002 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 003 025                                    | 20 8458 160 003 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 004 025                                    | 20 8458 160 004 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 005 025                                    | 20 8458 160 005 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>12.0 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 009 025                                    | 20 8458 160 009 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.3 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 010 025                                    | 20 8458 160 010 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for <math>\geq 2.4</math> mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>17.0 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 20 8458 160 012 025                                    | 20 8458 160 012 049 |
|                                                                                                |                    |                                |                                                        |                     |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight                    | 160                | a + b + c + d + e fully loaded | 20 8458 160 031 025                                    | 20 8458 160 031 049 |
|                                                                                                |                    |                                |                                                        |                     |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.  
 Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION



### DIMENSIONS



Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B             | C             | D             | E             | F             | G             |
|-----------------------|--------------|----|---------------|---------------|---------------|---------------|---------------|---------------|
| 160                   | 5 (5 x 32)   | 31 | 78.74 (3.100) | 95.00 (3.740) | 90.00 (3.543) | 85.00 (3.346) | 11.00 (0.433) | 13.10 (0.516) |