

Male Style 1/2 B Press-Fit



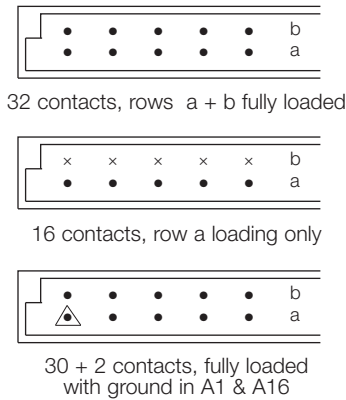
Series 8458 – 2 rows (2 x 16)



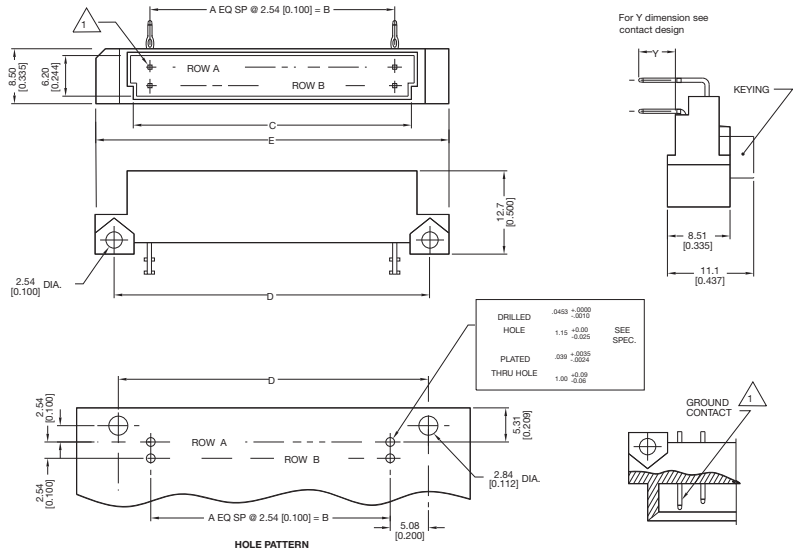
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 5.3 mm (Y) Right Angled	32	a + b fully loaded	10 8458 032 001 025	10 8458 032 001 049
	16	a loading only	10 8458 032 001 027	10 8458 032 001 051
	30 + 2	fully loaded + ground	10 8458 032 101 025	10 8458 032 101 049
for 1.6 mm PCB's 3.0 mm (Y) Right Angled	32	a + b fully loaded	10 8458 032 031 025	10 8458 032 031 049
	16	a loading only	10 8458 032 031 027	10 8458 032 031 051
	30 + 2	fully loaded + ground	10 8458 032 131 025	10 8458 032 131 049

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



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

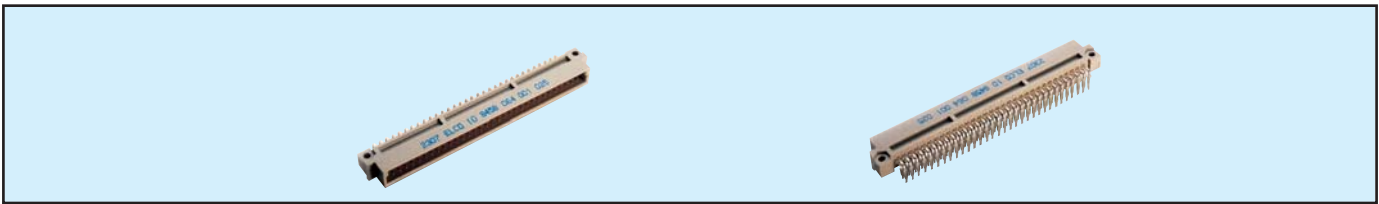
Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E
32	2 (2 x 16)	15	38.10 (1.500)	44.55 (1.754)	48.26 (1.900)	53.34 (2.100)

Male Style B Press-Fit



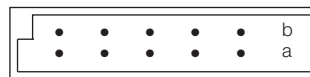
Series 8458 – 2 rows (2 x 32)



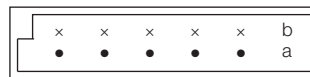
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
for ≥ 2.4 mm PCB's 5.3 mm (Y) Right Angled			II	I
			10 8458 064 001 025	10 8458 064 001 049
			10 8458 064 001 027	10 8458 064 001 051
for 1.6 mm PCB's 3.0 mm (Y) 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.

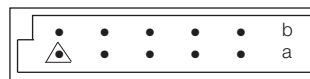
LOADING DESCRIPTION



64 contacts, rows a + b fully loaded



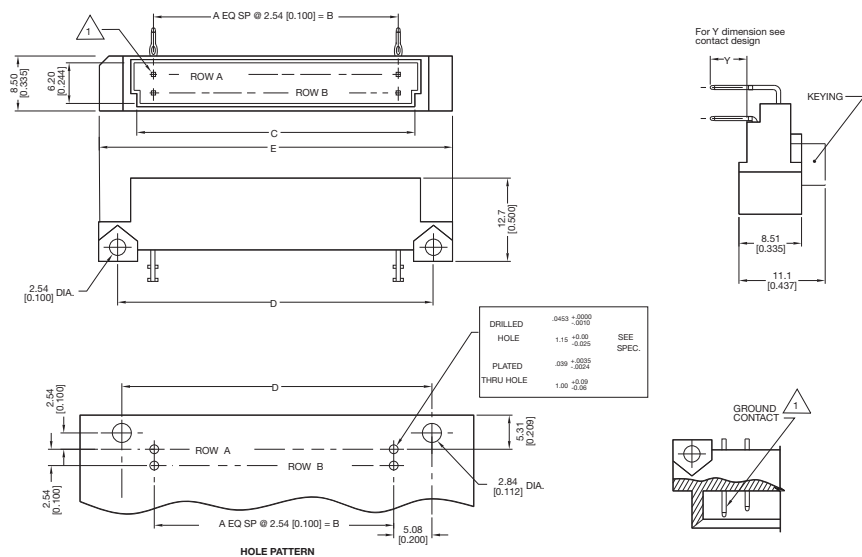
32 contacts, row a loading only



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

△ denotes ground pin

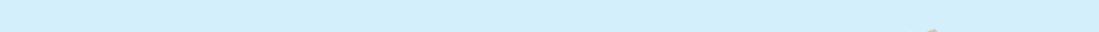
DIMENSIONS



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 (3.100)	85.19 (3.354)	88.90 (3.500)	93.98 (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)

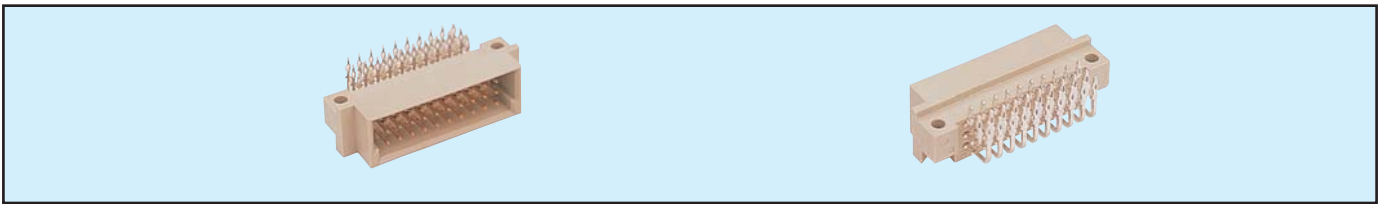
DIMENSIONS



Male Style 1/3 C Press-Fit



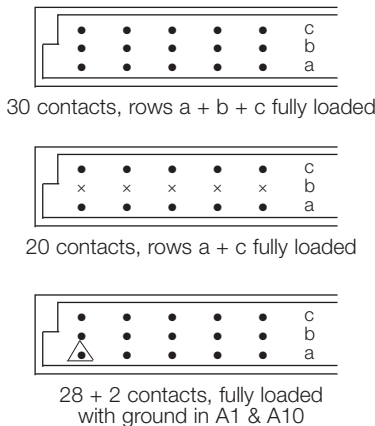
Series 8458 – 3 rows (3 x 10)



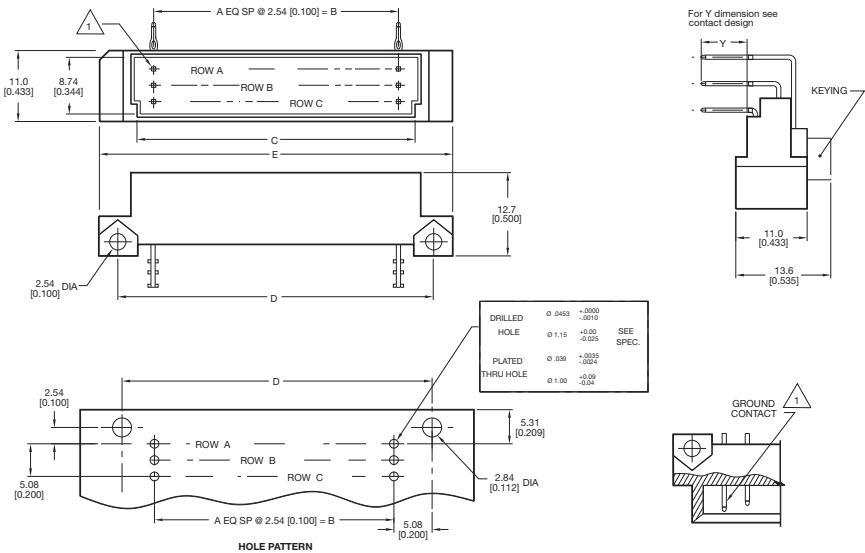
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 5.3 mm (Y) (0.6" x 0.6") Right Angled	30	a + b + c fully loaded	10 8458 030 001 025	10 8458 030 001 049
	20	a + c fully loaded	10 8458 030 001 026	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 3.0 mm (Y) (0.6" x 0.6") Right Angled	30	a + b + c fully loaded	10 8458 030 031 025	10 8458 030 031 049
	20	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



DIMENSIONS



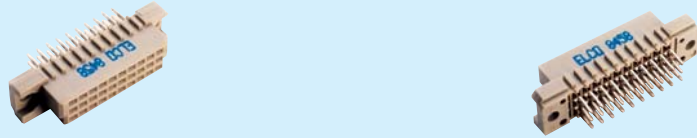
Assembly Tool: 06 8458 9241 00 000 (see page 67)

Unit: millimeters (inches)

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

Female Style 1/3 C Press-Fit

Series 8458 – 3 rows (3 x 10)

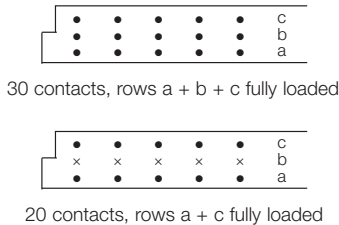


Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's				
0.6 x 0.6 mm Post Profile	30	a + b + c fully loaded	20 8458 030 001 025	20 8458 030 001 049
5.3 mm (Y) Straight	20	a + c fully loaded	20 8458 030 001 026	20 8458 030 001 050
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for 1.6 mm PCB's				
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

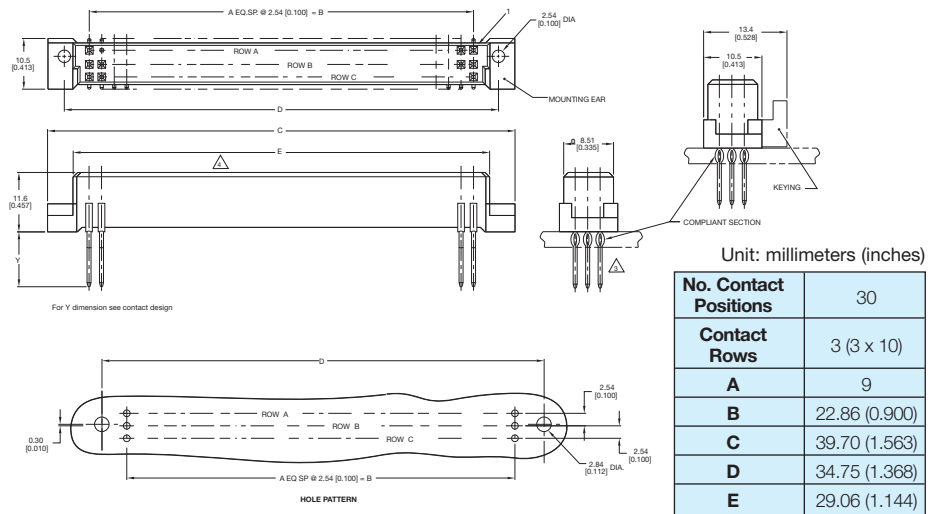
NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

LOADING DESCRIPTION

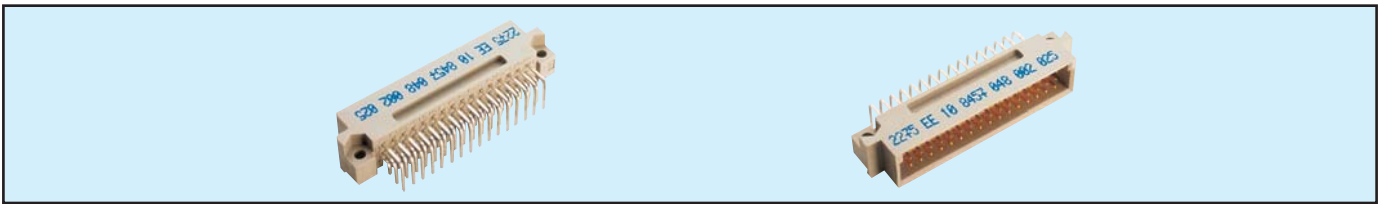


DIMENSIONS



Male Style 1/2 C Press-Fit

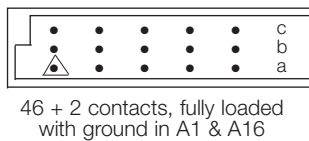
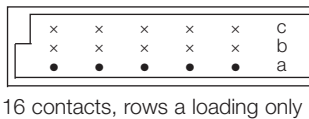
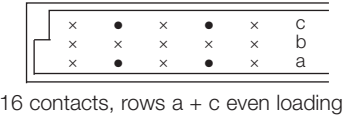
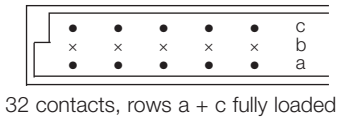
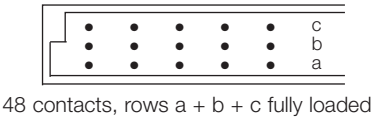
Series 8458 – 3 rows (3 x 16)



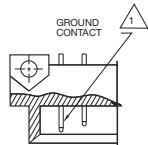
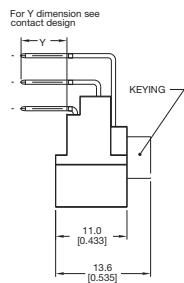
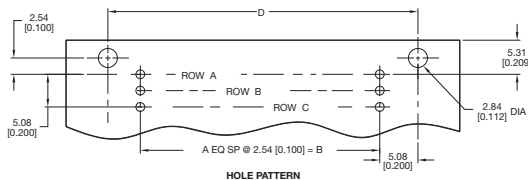
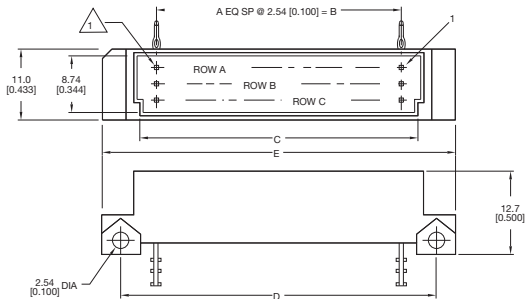
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 5.3 mm (Y) Right Angled 	48	a + b + c fully loaded	10 8458 048 001 025	10 8458 048 001 049
	32	a + c fully loaded	10 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 0.6 x 0.6 mm Post Profile 3.0 mm (Y) Right Angled 	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 (1.500)	44.70 (1.760)	48.26 (1.900)	53.90 (2.122)

△ denotes ground pin

Female Style 1/2 C Press-Fit

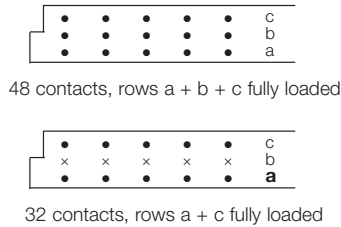
Series 8458 – 3 rows (3 x 16)



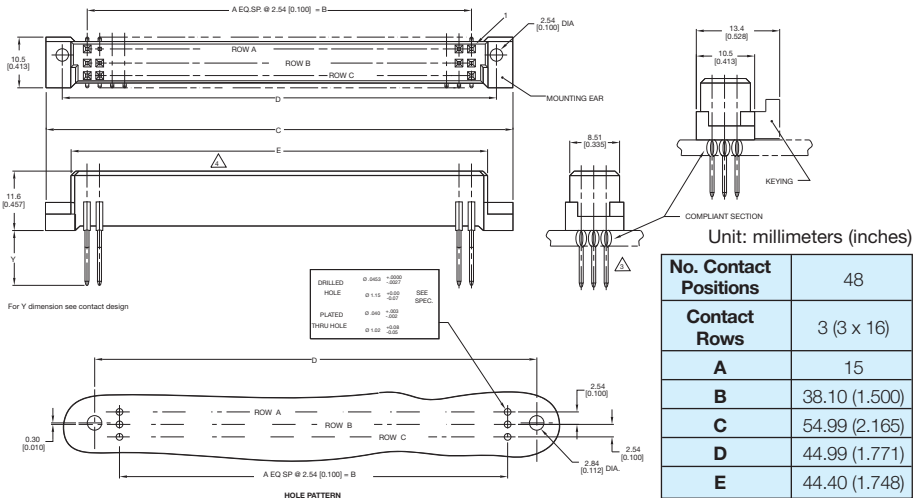
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 5.3 mm (Y) Straight	48	a + b + c fully loaded	20 8458 048 001 025	20 8458 048 001 049
	32	a + c fully loaded	20 8458 048 001 026	20 8458 048 001 050
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 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
for 1.6 mm PCB's 0.6 x 0.6 mm Post Profile 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

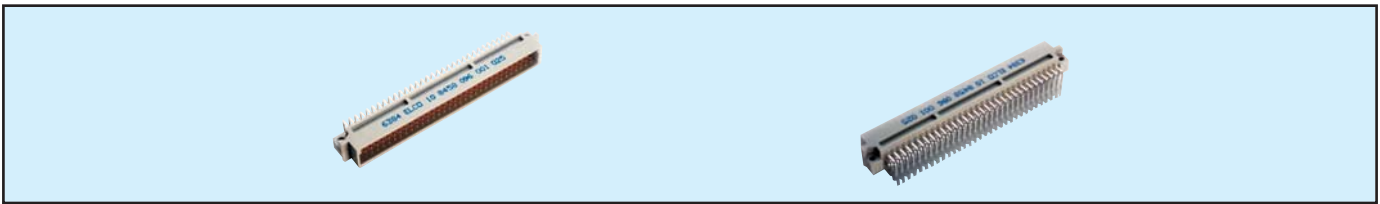


DIMENSIONS



Male Style C Press-Fit

Series 8458 – 3 rows (3 x 32)



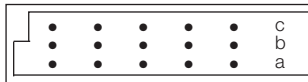
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's  0.6 x 0.6 mm Post Profile 5.3 mm (Y) Right Angled	96	a + b + c fully loaded	10 8458 096 001 025	10 8458 096 001 049
	64	a + c fully loaded	10 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  0.6 x 0.6 mm Post Profile 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.

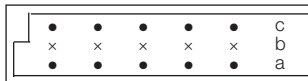
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

LOADING DESCRIPTION

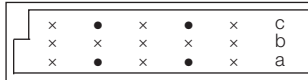
DIMENSIONS



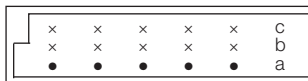
96 contacts, rows a + b + c fully loaded



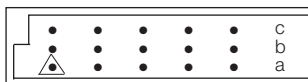
64 contacts, rows a + c fully loaded



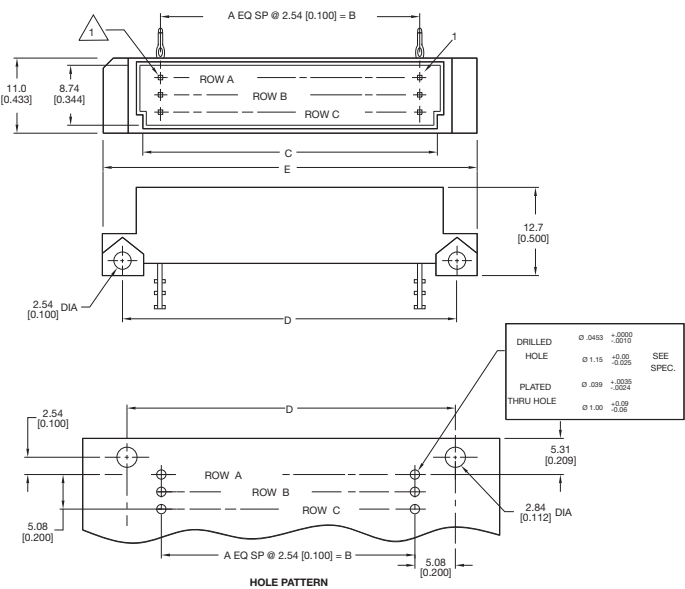
32 contacts, rows a + c even loading



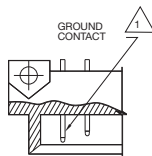
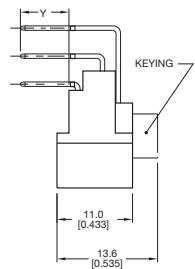
32 contacts, row a loading only



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



For Y dimension see contact design



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

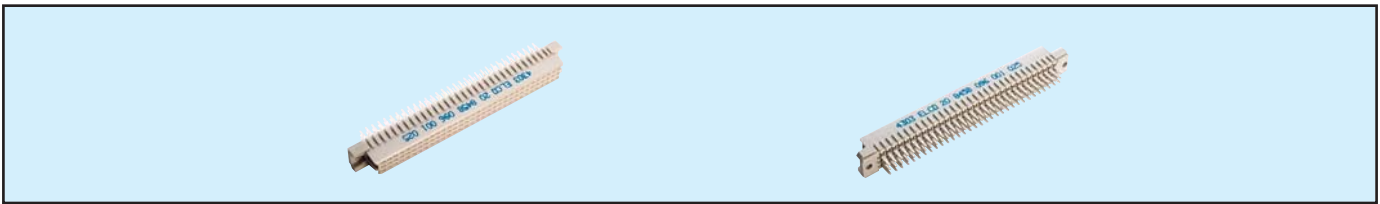
△ denotes ground pin

Unit: millimeters (inches)

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

Female Style C Press-Fit

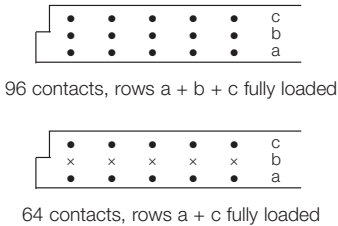
Series 8458 – 3 rows (3 x 32)



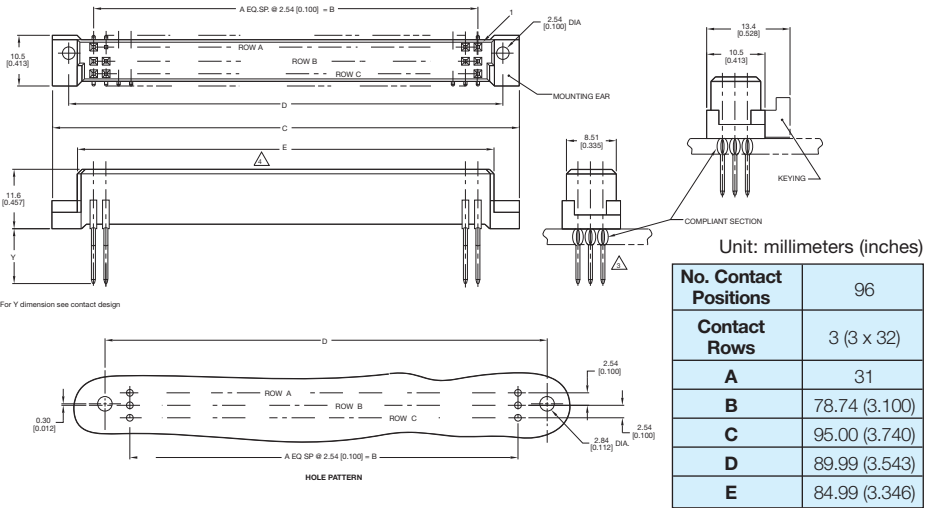
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's				
0.6 x 0.6 mm Post Profile	96	a + b + c fully loaded	20 8458 096 001 025	20 8458 096 001 049
5.3 mm (Y) Straight	64	a + c fully loaded	20 8458 096 001 026	20 8458 096 001 050
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for ≥ 2.4 mm PCB's				
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
for 1.6 mm PCB's				
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



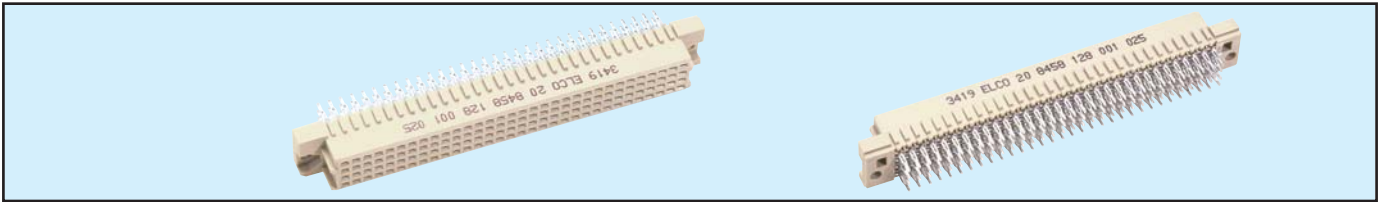
DIMENSIONS



Female Style C Expanded Press-Fit



Series 8458 – 4 rows (4 x 32)



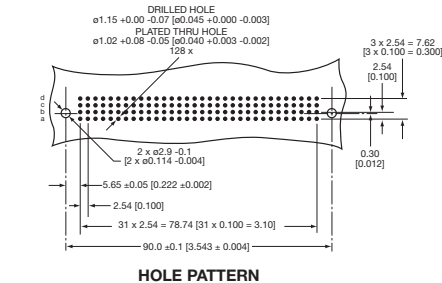
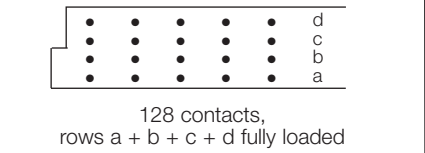
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 5.3 mm (Y) Straight	128	a + b + c + d fully loaded	20 8458 128 001 025	20 8458 128 001 049
for ≥ 2.4 mm PCB's 0.6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

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.

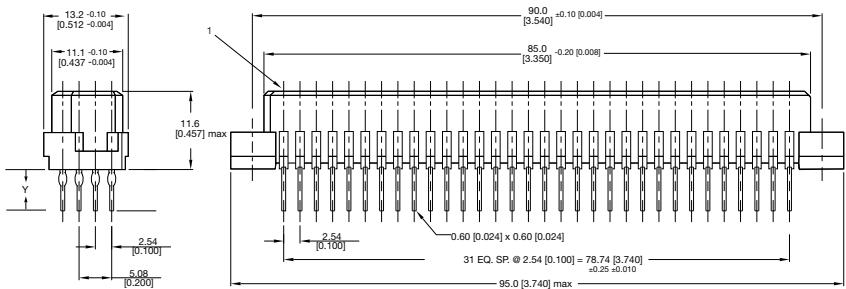
Installed using Flat Rock method (see page 66)

LOADING DESCRIPTION



HOLE PATTERN

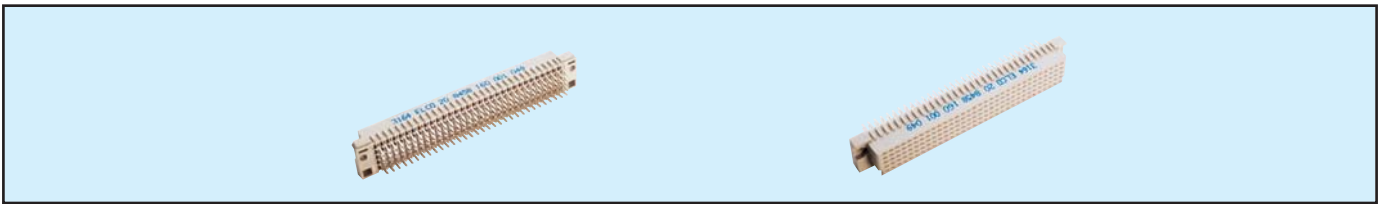
DIMENSIONS



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

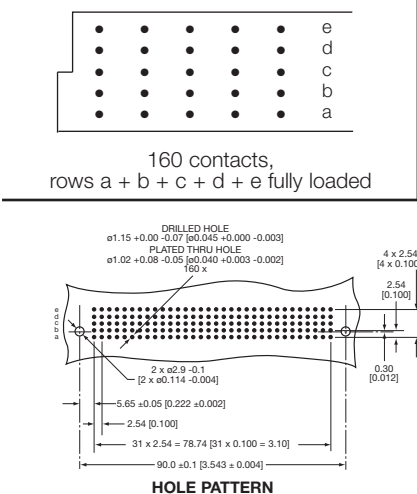
Series 8458 – 5 rows (5 x 32)



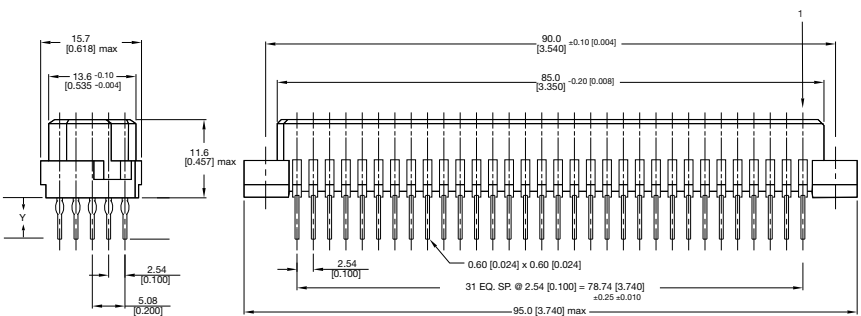
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
for ≥ 2.4 mm PCB's 0.6 x 0.6 mm Post Profile 5.3 mm (Y) Straight	160	a + b + c + d + e fully loaded	20 8458 160 001 025	20 8458 160 001 049
for ≥ 2.4 mm PCB's 0.6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