

Female Style 1/2 R High Temperature

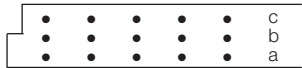
Series 8577 – 3 rows (3 x 16) Inverted



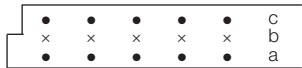
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number Performance classes according to DIN 41612	
			II	I
 0.6 x 0.6 mm Post Profile 3.0 mm (Y) Right Angled	48	a + b + c fully loaded	20 8577 048 002 025	20 8577 048 002 049
	32	a + c fully loaded	20 8577 048 002 026	20 8577 048 002 050
	16	a + c even loading	20 8577 048 002 033	20 8577 048 002 057
	16	a loading only	20 8577 048 002 027	20 8577 048 002 051

NB: Alternative Prefix Variations Available: 26, please refer to Page 10.
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

LOADING DESCRIPTION



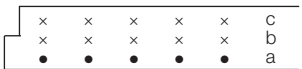
48 contacts, rows a + b + c fully loaded



32 contacts, rows a + c fully loaded

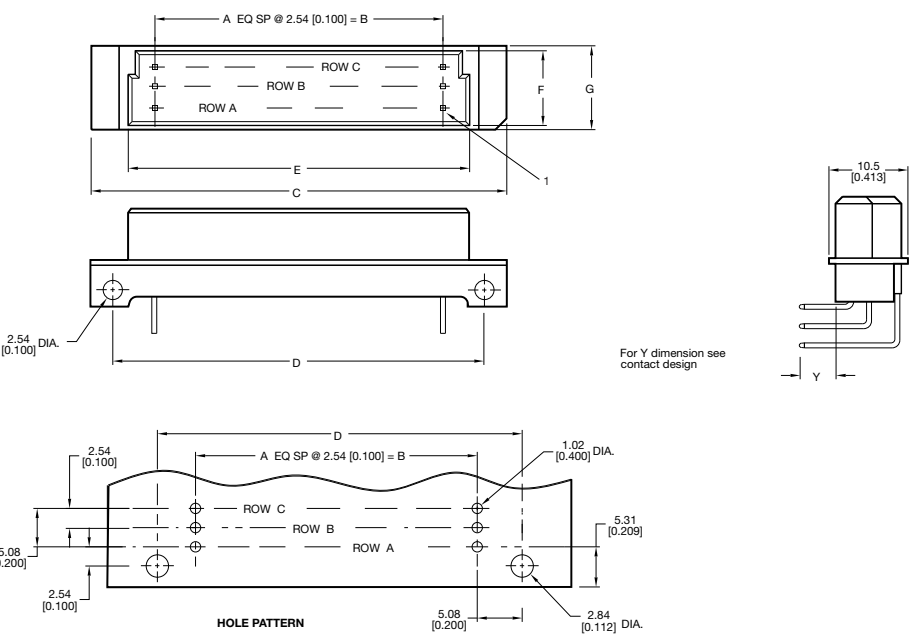


16 contacts, rows a + c even loading



16 contacts, rows a loading only

DIMENSIONS



For Y dimension see contact design

Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F	G
48	3 (3 x 16)	15	38.10 (1.500)	53.90 (2.122)	48.26 (1.900)	44.30 (1.744)	8.48 (0.334)	10.50 (0.413)

Male Style 1/2 R High Temperature



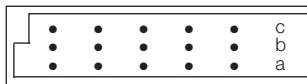
Series 8577 – 3 rows (3 x 16) Inverted



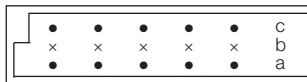
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
2.9 mm (Y) Straight			II	I
			10 8577 048 001 025	10 8577 048 001 049
			10 8577 048 001 026	10 8577 048 001 050
			10 8577 048 001 033	10 8577 048 001 057
			10 8577 048 001 027	10 8577 048 001 051
4.5 mm (Y) Straight			10 8577 048 101 025	10 8577 048 101 049
			10 8577 048 002 025	10 8577 048 002 049
			10 8577 048 002 026	10 8577 048 002 050
			10 8577 048 002 033	10 8577 048 002 057
			10 8577 048 002 027	10 8577 048 002 051
4.5 mm (Y) Straight			10 8577 048 102 025	10 8577 048 102 049
			10 8577 048 002 025	10 8577 048 002 049
			10 8577 048 002 026	10 8577 048 002 050
			10 8577 048 002 033	10 8577 048 002 057
			10 8577 048 002 027	10 8577 048 002 051

NB: Alternative Prefix Variations Available: 16, please refer to Page 10.
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

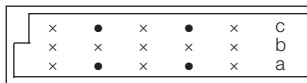
LOADING DESCRIPTION



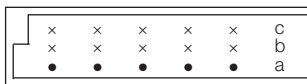
48 contacts, rows a + b + c fully loaded



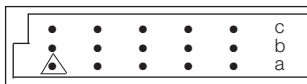
32 contacts, rows a + c fully loaded



16 contacts, rows a + c even loading



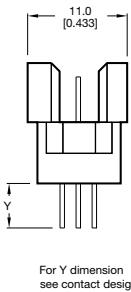
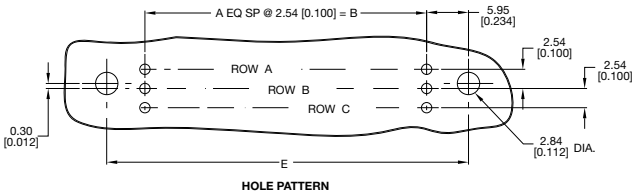
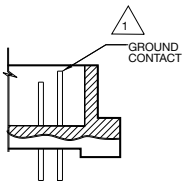
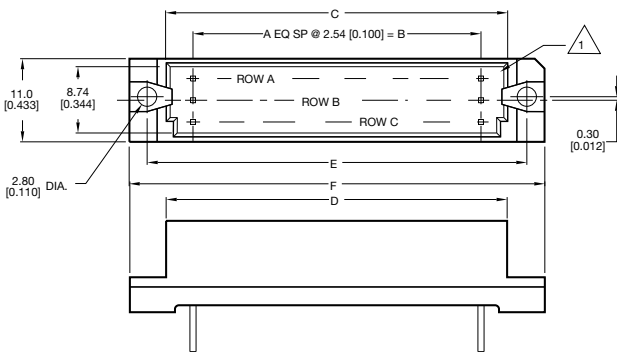
16 contacts, row a loading only



46 + 2 contacts, fully loaded with ground in A1 & A16

△ denotes ground pin

DIMENSIONS



For Y dimension see contact design

Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F
48	3 (3 x 16)	15	38.10 (1.500)	44.70 (1.760)	47.29 (1.862)	49.99 (1.968)	54.91 (2.162)

Female Style R High Temperature



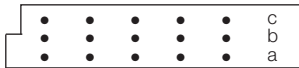
Series 8577 – 3 rows (3 x 32) Inverted



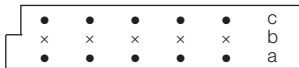
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
			II	I
 0.6 x 0.6 mm Post Profile 3.0 mm (Y) Right Angled	96	a + b + c fully loaded	20 8577 096 002 025	20 8577 096 002 049
	64	a + c fully loaded	20 8577 096 002 026	20 8577 096 002 050
	32	a + c even loading	20 8577 096 002 033	20 8577 096 002 057
	32	a loading only	20 8577 096 002 027	20 8577 096 002 051

NB: Alternative Prefix Variations Available: 26, please refer to Page 10.
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

LOADING DESCRIPTION



96 contacts, rows a + b + c fully loaded



64 contacts, rows a + c fully loaded

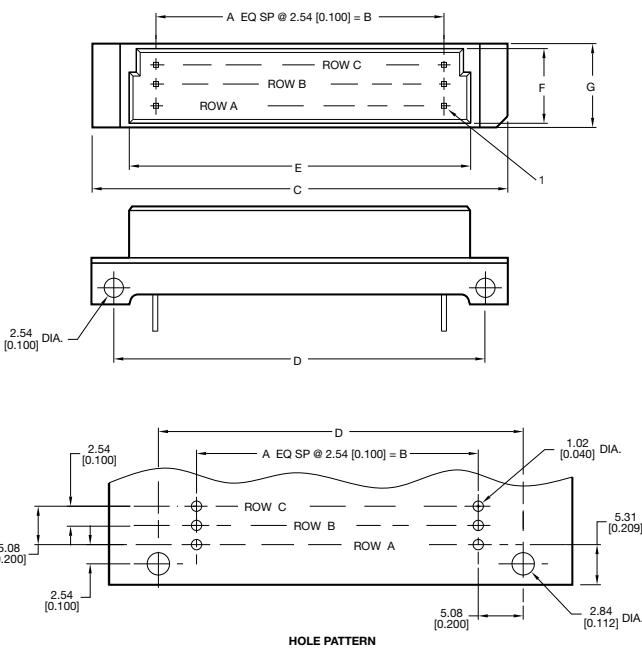


32 contacts, rows a + c even loading



32 contacts, rows a loading only

DIMENSIONS

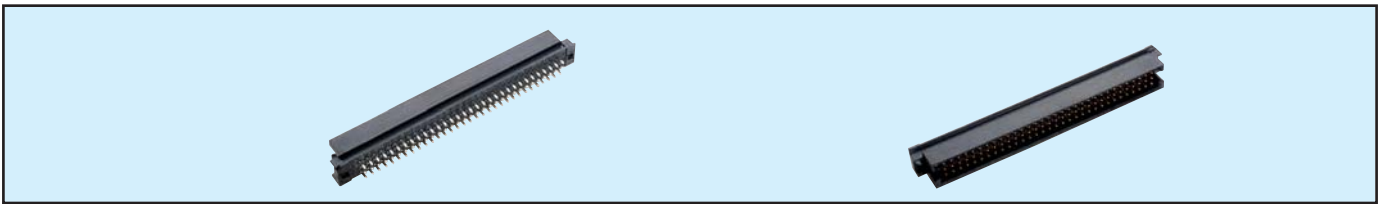


Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F	G
96	3 (3 x 32)	31	78.74 (3.100)	93.90 (3.697)	88.90 (3.500)	84.90 (3.343)	8.48 (0.334)	10.50 (0.413)

Male Style R High Temperature

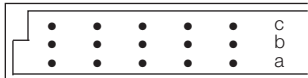
Series 8577 – 3 rows (3 x 32) Inverted



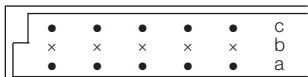
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
			II	I
2.9 mm (Y) Straight	96	a + b + c fully loaded	10 8577 096 001 025	10 8577 096 001 049
	64	a + c fully loaded	10 8577 096 001 026	10 8577 096 001 050
	32	a + c even loading	10 8577 096 001 033	10 8577 096 001 057
	32	a loading only	10 8577 096 001 027	10 8577 096 001 051
	46 + 2	fully loaded + ground	10 8577 096 101 025	10 8577 096 101 049
4.5 mm (Y) Straight	48	a + b + c fully loaded	10 8577 096 002 025	10 8577 096 002 049
	32	a + c fully loaded	10 8577 096 002 026	10 8577 096 002 050
	16	a + c even loading	10 8577 096 002 033	10 8577 096 002 057
	16	a loading only	10 8577 096 002 027	10 8577 096 002 051
	46 + 2	fully loaded + ground	10 8577 096 102 025	10 8577 096 102 049

NB: Alternative Prefix Variations Available: 16, please refer to Page 10.
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

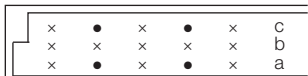
LOADING DESCRIPTION



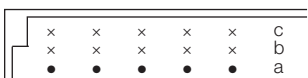
96 contacts, rows a + b + c fully loaded



64 contacts, rows a + c fully loaded



32 contacts, rows a + c even loading



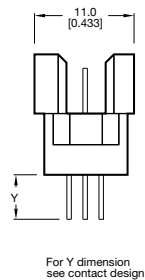
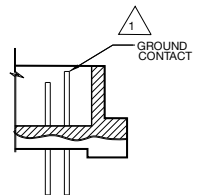
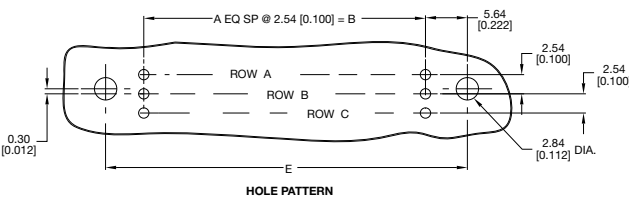
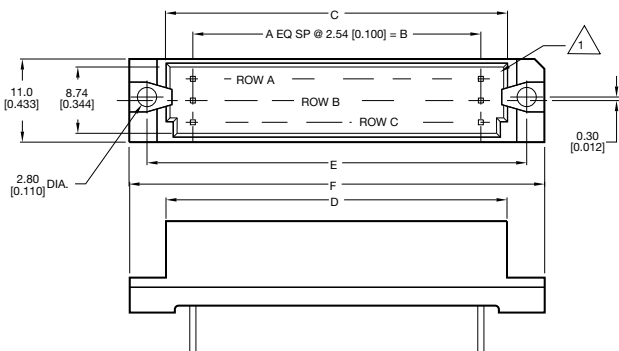
32 contacts, row a loading only



96 + 2 contacts, fully loaded with ground in A1 & A32

△ denotes ground pin

DIMENSIONS



For Y dimension see contact design

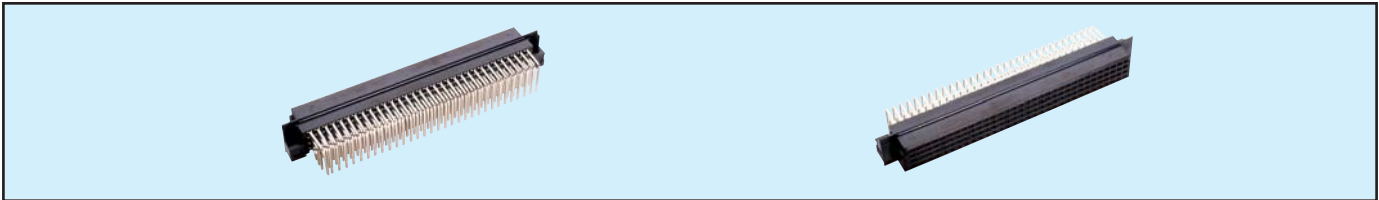
Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F
96	3 (3 x 32)	31	78.74 (3.100)	85.29 (3.358)	87.91 (3.461)	90.00 (3.543)	94.89 (3.736)

Female Style R

Expanded High Temperature

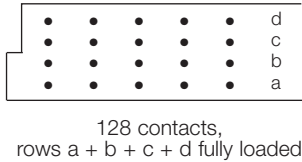
Series 8577 – 4 rows (4 x 32) Inverted



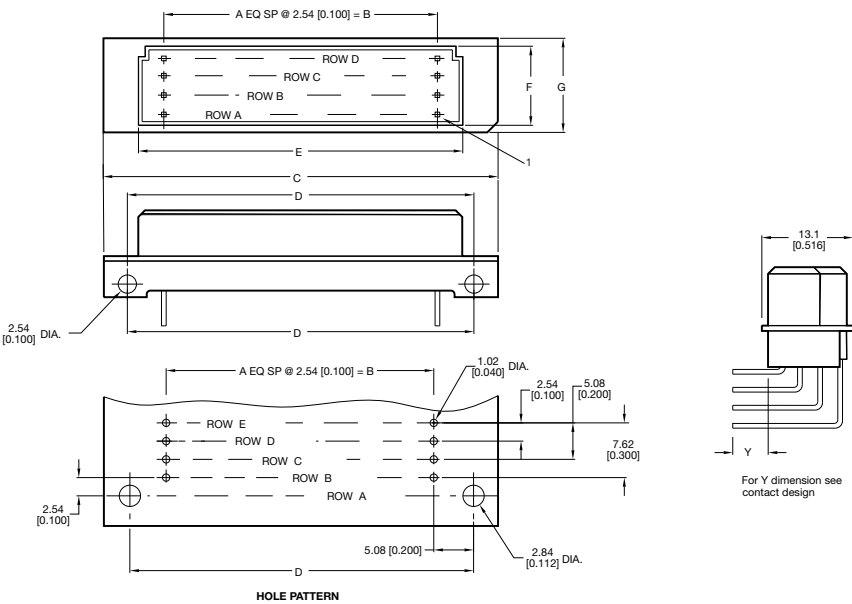
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
			II	I
0.6 x 0.6 mm Post Profile 3.0 mm (Y) Right Angled	128	a + b + c + d fully loaded	20 8577 128 002 025	20 8577 128 002 049

NB: Alternative Prefix Variations Available: 26, please refer to Page 10.
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

LOADING DESCRIPTION



DIMENSIONS



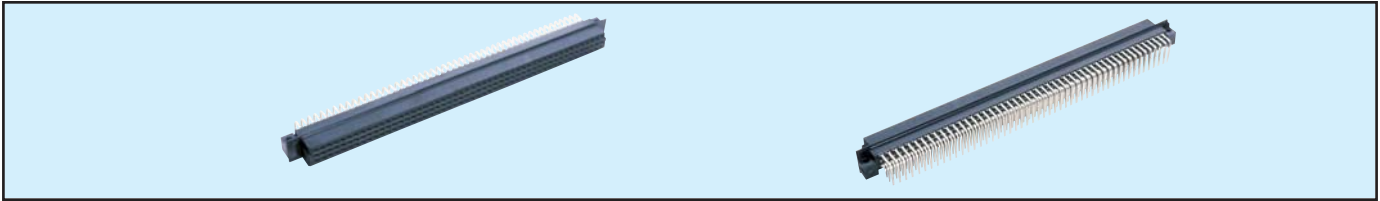
Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F	G
128	4 (4 x 32)	31	78.74 (3.100)	93.90 (3.697)	88.90 (3.500)	84.90 (3.343)	11.10 (0.437)	13.10 (0.516)

Female Style R

Expanded High Temperature

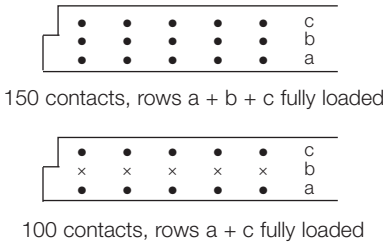
Series 8577 – 3 rows (3 x 50) Inverted



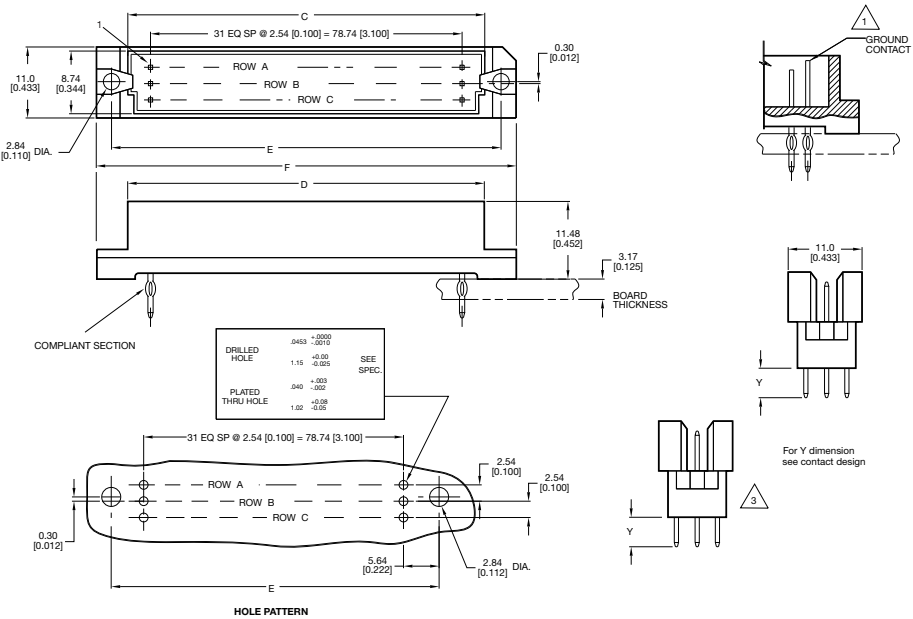
Contact Design and Termination Length	Number of Contacts	Loading Description	Part Number	
			Performance classes according to DIN 41612	
			II	I
0.6 x 0.6 mm Post Profile 	150	a + b + c fully loaded	20 8577 150 001 025	20 8577 150 001 049
2.8 mm (Y) Right Angled	100	a + c fully loaded	20 8577 150 001 026	20 8577 150 001 050

NB: Alternative Prefix Variations Available: 26, please refer to Page 10.
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

LOADING DESCRIPTION



DIMENSIONS



Unit: millimeters (inches)

No. Contact Positions	Contact Rows	A	B	C	D	E	F
150	3 (3 x 50)	49	125.50 (4.941)	130.90 (5.154)	133.60 (5.260)	135.70 (5.343)	140.60 (5.536)

Mouser Electronics

Authorized Distributor

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