

BARRIER TERMINAL BLOCKS

The Jones Barrier Terminal Block is another product of Cinch Jones designed to offer increased insurance against failure of electrical/electronic circuitry. By interposing barriers between each adjacent terminal position, not only are much higher voltage ratings obtained, but also additional protection from frayed wire faults is gained. The Block is made of moulded monoblack general purpose phenolic. Eyelets are nickel plated brass, screws are steel with nickel over copper flash plating.



NO. 140-Y



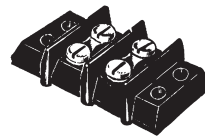
NO. 140

NO. 140 TERMINAL BLOCKS

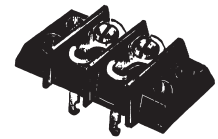
5-40 x 3/16" Binder Head Screws; Center-to-Center Spacing 3/8"; O.A. Width 7/8".
Rated: 250V, 15 amps.

Cat. No.	Contacts	Net Price
1-140	1	\$1.73
2-140	2	1.19
3-140	3	1.54
4-140	4	1.66
5-140	5	1.94
6-140	6	2.42
7-140	7	2.59
8-140	8	2.99
9-140	9	3.37
10-140	10	3.74
11-140	11	4.29
12-140	12	4.43
13-140	13	5.07
14-140	14	5.38
15-140	15	5.48
16-140	16	5.61
17-140	17	5.68
18-140	18	6.57
19-140	19	6.77
20-140	20	7.32
21-140	21	7.49
22-140	22	7.69
24-140	24	7.76
25-140	25	7.90

Cat. No.	Contacts	Net Price
1-140-Y	1	\$3.55
2-140-Y	2	1.60
3-140-Y	3	1.95
4-140-Y	4	2.49
5-140-Y	5	2.94
6-140-Y	6	3.42
7-140-Y	7	3.85
8-140-Y	8	4.31
9-140-Y	9	4.75
10-140-Y	10	5.16
11-140-Y	11	4.55
12-140-Y	12	6.97
13-140-Y	13	7.36
14-140-Y	14	7.62
15-140-Y	15	7.70
16-140-Y	16	8.07
17-140-Y	17	9.16
18-140-Y	18	9.54
19-140-Y	19	10.02
20-140-Y	20	10.04
21-140-Y	21	10.66
22-140-Y	22	10.90
23-140-Y	23	6.69
24-140-Y	24	11.05
25-140-Y	25	11.20



NO. 2-141



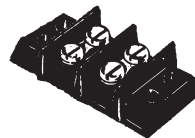
NO. 2-141-Y

NO. 141 TERMINAL BLOCKS

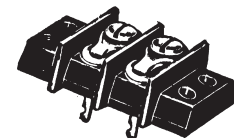
6-32 x 1/4" Binder Head Screws; Center-to-Center Spacing 7/16"; O.A. Width 1 1/8".
Rated: 250V, 20 amps.

Cat. No.	Contacts	Net Price
1-141	1	\$1.51
2-141	2	1.13
3-141	3	1.96
4-141	4	1.96
5-141	5	2.24
6-141	6	2.55
7-141	7	3.14
8-141	8	3.30
9-141	9	3.74
10-141	10	3.81
11-141	11	4.42
12-141	12	4.63
13-141	13	5.17
14-141	14	5.54
15-141	15	5.96
16-141	16	6.23
17-141	17	6.74
18-141	18	7.15
19-141	19	7.38
20-141	20	7.78

Cat. No.	Contacts	Net Price
1-141-Y	1	\$1.70
2-141-Y	2	1.97
3-141-Y	3	2.62
4-141-Y	4	2.83
5-141-Y	5	3.68
6-141-Y	6	4.06
7-141-Y	7	5.07
8-141-Y	8	5.35
9-141-Y	9	6.22
10-141-Y	10	7.08
11-141-Y	11	5.09
12-141-Y	12	7.89
13-141-Y	13	8.90
14-141-Y	14	9.29
15-141-Y	15	6.63
16-141-Y	16	10.66
17-141-Y	17	9.76
18-141-Y	18	12.76
19-141-Y	19	12.94
20-141-Y	20	13.28



NO. 142



NO. 142-Y

NO. 142 TERMINAL BLOCKS

8-32 x 5/16" Binder Head Screws; Center-to-Center Spacing 9/16"; O.A. Width 1 5/8".
Rated: 250V, 30 amps.

Cat. No.	Contacts	Net Price
1-142	1	\$1.92
2-142	2	1.82
3-142	3	2.19
4-142	4	2.52
5-142	5	3.65
6-142	6	5.23
7-142	7	5.72
8-142	8	5.96
9-142	9	9.13
10-142	10	9.60
11-142	11	10.03
12-142	12	10.08
13-142	13	11.07
14-142	14	11.87
15-142	15	11.91
16-142	16	12.71
17-142	17	12.90

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Cinch Terminal Strips

Cat. No.	Contacts	Net Price
1-142-Y	1	\$1.92
2-142-Y	2	2.52
3-142-Y	3	3.07
4-142-Y	4	4.06
5-142-Y	5	4.74
6-142-Y	6	6.48
7-142-Y	7	7.18
8-142-Y	8	7.51
9-142-Y	9	8.91
10-142-Y	10	9.05
11-142-Y	11	8.58
12-142-Y	12	13.01
13-142-Y	13	13.60
14-142-Y	14	14.45
15-142-Y	15	15.03
16-142-Y	16	15.64
17-142-Y	17	15.94

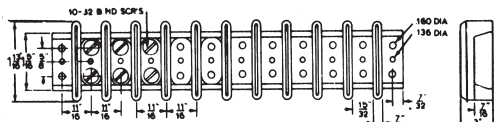
ELECTRICAL RATINGS FOR BARRIER BLOCKS

Series	Max. Volts RMS Without Marker Strip	Max. Volts RMS With Marker Strip	Max. Current In Amps.	Max. Watts Per Terminal
140	1100	2000	15	3,750
141	1100	2400	20	5,000
142	1600	2600	30	7,500
150	1700	2600	40	10,000
151	1800	3400	50	12,500
152	2100	3800	70	54,000

*No Marker Strip Available



NO. 150 TERMINAL BLOCKS



150 SERIES

NO. 150 TERMINAL BLOCKS

1 1/16" wide by 25/32" high. Terminals are mounted on 1/16" centers. Screws: 10-32 x 5/16" brass, burnished nickel plate. Fits standard 50 Amp. solder lug for 6 Ga. stranded wire.

Cat. No.	Contacts	Net Price
1-150	1	\$3.14
2-150	2	4.10
3-150	3	5.54
4-150	4	7.36
5-150	5	9.00
6-150	6	10.49
7-150	7	12.42
8-150	8	14.02
9-150	9	21.33
10-150	10	17.32



QC-2

QUICK-CLAMP* TERMINALS

Simplifies engaging of wires to barrier blocks. Wire is stripped, inserted into flared opening on Quick-Clamp and the screw tightened. Since wire is not bent around the screw, significant time savings result. Two built-in stops prevent conductors from extending beyond the rear of the terminal. Screws are brass, binder-head type. Set includes two mating clamps and one screw.

Cat. No.	Wire Gauge Accommodated	Screw Size	Net Price
QC-1	12 thru 22	5/32 x 5/16"	\$.54
QC-2	10 thru 16	5/32 x 3/8"	.64

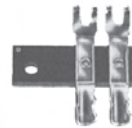
*Patent pending.



161 SERIES FANNING STRIP WITH CABLE CLAMP AND 141 SERIES BARRIER TERMINAL BLOCK.

FANNING STRIPS FOR CONNECTING TO BARRIER BLOCKS

Fanning strips serve as a convenient means for rapidly making and removing connections from barrier terminal blocks. They facilitate cable or harness wiring and minimize the possibility of subsequent wiring errors. Both straight and angle type fanning strips are available. Terminals are made of .032" brass, cadmium-plated. The 3/32" thick, 1/2" wide XP black phenolic mounts are furnished with a hole, in either the right or left side, for securing the cable with lacing twine.



160 SERIES
2-160-L



160B SERIES
2-160B-R

STRAIGHT TYPE FANNING STRIPS

Cat. No.	No. of Terminals	Net Price
160 SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C.C. HOLE ON LEFT		
2-160-L	2	\$2.21
3-160-L	3	2.89
4-160-L	4	3.28
5-160-L	5	3.80
6-160-L	6	4.64
7-160-L	7	5.01
8-160-L	8	5.55
9-160-L	9	6.01
10-160-L	10	6.51
12-160-L	12	8.60
13-160-L	13	9.36
14-160-L	14	10.43
15-160-L	15	11.12
16-160-L	16	11.35
17-160-L	17	12.27
18-160-L	18	12.57
19-160-L	19	7.72
20-160-L	20	13.62
21-160-L	21	14.54

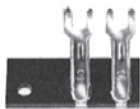
Cat. No.	No. of Terminals	Net Price
160 SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C.C. HOLE ON RIGHT		
2-160-R	2	\$1.44
3-160-R	3	1.87
4-160-R	4	2.12
5-160-R	5	2.47
6-160-R	6	3.01
7-160-R	7	3.26
8-160-R	8	3.60
9-160-R	9	3.91
10-160-R	10	4.23
12-160-R	12	5.58
13-160-R	13	6.08
14-160-R	14	6.77
15-160-R	15	7.22
16-160-R	16	7.38
17-160-R	17	12.17
18-160-R	18	8.15
19-160-R	19	7.65
20-160-R	20	8.86
21-160-R	21	9.45

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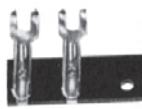
Cinch Terminal Strips

Cat. No.	No. of Terminals	Net Price
160B SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON LEFT		
2-160B-L	2	\$2.89
3-160B-L	3	3.28
4-160B-L	4	4.64
5-160B-L	5	5.18
6-160B-L	6	6.01
7-160B-L	7	7.15
8-160B-L	8	8.60
9-160B-L	9	9.90
10-160B-L	10	11.12
11-160B-L	11	12.03
12-160B-L	12	12.57
13-160B-L	13	13.62
14-160B-L	14	14.93
15-160B-L	15	15.84
16-160B-L	16	17.29
18-160B-L	18	19.05
19-160B-L	19	20.11
20-160B-L	20	21.18

Cat. No.	No. of Terminals	Net Price
160B SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT		
2-160B-R	2	\$1.87
3-160B-R	3	2.12
4-160B-R	4	3.01
5-160B-R	5	3.37
6-160B-R	6	5.26
7-160B-R	7	4.64
8-160B-R	8	5.58
9-160B-R	9	6.43
10-160B-R	10	7.22
11-160B-R	11	7.81
12-160B-R	12	8.15
13-160B-R	13	8.86
14-160B-R	14	9.70
15-160B-R	15	10.30
16-160B-R	16	11.23
17-160B-R	17	15.71
18-160B-R	18	12.37
19-160B-R	19	13.05
20-160B-R	20	13.75
21-160B-R	21	14.35



161 SERIES
2-161-L



162 SERIES
2-162-R

STRAIGHT TYPE FANNING STRIPS

Cat. No.	No. of Terminals	Net Price
161 SERIES FITS 141 SERIES BARRIER BLOCKS 7/16" TERMINAL CENTERS, C. C. HOLE ON LEFT		
2-161-L	2	\$2.50
3-161-L	3	3.13
4-161-L	4	3.80
5-161-L	5	4.18
6-161-L	6	4.72
7-161-L	7	5.18
8-161-L	8	5.86
9-161-L	9	6.70
10-161-L	10	7.38
11-161-L	11	8.30
12-161-L	12	9.21
14-161-L	14	10.66
15-161-L	15	11.26
16-161-L	16	11.95
18-161-L	18	12.95
20-161-L	20	13.86

Cat. No.	No. of Terminals	Net Price
161 SERIES FITS 141 SERIES BARRIER BLOCKS 7/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT		
2-161-R	2	\$1.62
3-161-R	3	2.03
4-161-R	4	2.47
5-161-R	5	2.72
6-161-R	6	3.06
7-161-R	7	3.37
8-161-R	8	3.80
9-161-R	9	4.36
10-161-R	10	4.79
11-161-R	11	5.38
12-161-R	12	5.98
13-161-R	13	6.43
14-161-R	14	6.93
15-161-R	15	7.31
16-161-R	16	7.76
17-161-R	17	8.06
18-161-R	18	8.41
19-161-R	19	8.71
20-161-R	20	9.00

Cat. No.	No. of Terminals	Net Price
162 SERIES FITS 142 SERIES BARRIER BLOCKS 7/16" TERMINAL CENTERS, C. C. HOLE ON LEFT		
2-162-L	2	\$2.89
3-162-L	3	3.28
5-162-L	5	4.64
6-162-L	6	5.01
7-162-L	7	5.55
8-162-L	8	6.01
10-162-L	10	7.69
11-162-L	11	8.38
12-162-L	12	9.36
14-162-L	14	11.12
17-162-L	17	12.57

Cat. No.	No. of Terminals	Net Price
162 SERIES FITS 142 SERIES BARRIER BLOCKS 7/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT		
2-162-R	2	\$1.87
3-162-R	3	2.12
4-162-R	4	2.47
5-162-R	5	3.01
6-162-R	6	3.26
7-162-R	7	3.60
8-162-R	8	3.91
9-162-R	9	4.55
10-162-R	10	5.00
11-162-R	11	5.44
12-162-R	12	6.08
13-162-R	13	9.20
14-162-R	14	7.22
15-162-R	15	10.01
16-162-R	16	7.81
17-162-R	17	8.15



160A SERIES
2-160-AR

ANGLE TYPE FANNING STRIPS

Cat. No.	No. of Terminals	Net Price
160A SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON LEFT		
2-160-AL	2	\$2.89
3-160-AL	3	3.28
4-160-AL	4	4.64
6-160-AL	6	6.01
7-160-AL	7	7.15
8-160-AL	8	8.60
9-160-AL	9	9.90
10-160-AL	10	11.12
11-160-AL	11	12.03
12-160-AL	12	12.57
15-160-AL	15	15.84
18-160-AL	18	19.05
20-160-AL	20	21.18

160A SERIES FITS 140 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT

2-160-AR	2	1.87
3-160-AR	3	2.12
4-160-AR	4	3.01
5-160-AR	5	3.37
6-160-AR	6	3.91
7-160-AR	7	4.64
8-160-AR	8	5.58
9-160-AR	9	6.43
10-160-AR	10	7.22
11-160-AR	11	7.81
12-160-AR	12	8.15
13-160-AR	13	8.86
14-160-AR	14	9.70
15-160-AR	15	10.30
16-160-AR	16	11.23
17-160-AR	17	11.57
18-160-AR	18	12.37
19-160-AR	19	13.05
20-160-AR	20	13.75
21-160-AR	21	14.35



161A SERIES
2-161A-R



162A SERIES
2-162A-L

Cat. No.	No. of Terminals	Net Price
161A SERIES FITS 141 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON LEFT		
4-161-AL	4	\$4.64
7-161-AL	7	7.15
8-161-AL	8	8.60
11-161-AL	11	12.03
12-161-AL	12	12.57
20-161-AL	20	21.18

161A SERIES FITS 141 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT

4-161-AR	4	4.64
5-161-AR	5	5.18
6-161-AR	6	6.01
7-161-AR	7	7.15
11-161-AR	11	12.03
12-161-AR	12	12.57
13-161-AR	13	13.62
18-161-AR	18	19.05
20-161-AR	20	21.18

162A SERIES FITS 142 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON LEFT

4-162-AL	4	5.01
5-162-AL	5	5.79
10-162-AL	10	11.35
12-162-AL	12	13.62

162A SERIES FITS 142 SERIES BARRIER BLOCKS 3/16" TERMINAL CENTERS, C. C. HOLE ON RIGHT

3-162-AR	3	3.80
4-162-AR	4	5.01
8-162-AR	8	9.36
10-162-AR	10	11.35
12-162-AR	12	13.62

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MS-4-140

MARKER STRIPS FOR BARRIER TERMINAL BLOCKS

Standard marker strips are made of 1/32" black fibre and contain the same mounting holes as the barrier strips with which they are to be used. They are imprinted in white ink from one up, as shown in the illustration. Standard imprinting utilizes a special white ink applied with a rubber stamp, producing a clear, legible character. Marker strips also serve the purpose of insulating strips and when barriers are mounted on metal surfaces they prevent short circuits when longer screws are accidentally inserted.

Cat. No.	No. of Terminals	Net Price
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NO. 140 MARKER STRIPS

MS-2-140	2	\$.70
MS-3-140	3	.73
MS-4-140	4	.80
MS-5-140	5	.80
MS-6-140	6	.80
MS-7-140	7	.86
MS-8-140	8	.90
MS-9-140	9	.96
MS-10-140	10	1.04
MS-11-140	11	1.04
MS-12-140	12	1.04
MS-13-140	13	1.20
MS-14-140	14	1.20
MS-15-140	15	1.20
MS-16-140	16	1.35
MS-17-140	17	1.35
MS-18-140	18	1.35
MS-19-140	19	1.52
MS-20-140	20	1.67
MS-21-140	21	1.67

NO. 141 MARKER STRIPS

MS-2-141	2	.66
MS-3-141	3	.73
MS-4-141	4	.80
MS-5-141	5	.83
MS-6-141	6	.83
MS-7-141	7	.86
MS-8-141	8	.99
MS-9-141	9	.99
MS-10-141	10	1.04
MS-11-141	11	1.20
MS-12-141	12	1.20
MS-13-141	13	1.35
MS-14-141	14	1.35
MS-15-141	15	1.52
MS-16-141	16	1.52
MS-17-141	17	1.66
MS-18-141	18	1.79
MS-19-141	19	1.82
MS-20-141	20	2.09

NO. 142 MARKER STRIPS

MS-2-142	2	.70
MS-3-142	3	.73
MS-4-142	4	.83
MS-5-142	5	.83
MS-6-142	6	.83
MS-7-142	7	.99
MS-8-142	8	.99
MS-9-142	9	1.13
MS-10-142	10	1.18
MS-11-142	11	1.22
MS-12-142	12	1.29
MS-13-142	13	1.36
MS-14-142	14	1.66
MS-15-142	15	1.66
MS-16-142	16	1.87
MS-17-142	17	2.00



141-J



141J-1



140J-1



142J-1



142J-2

JUMPERS

Jumpers are used for making permanent connections between adjacent barrier block terminals, except for 142J-1 which connects two alternate terminals, bridging the intermediate terminal.

Cat. No.	Barrier Block Series	Net Price
141-J	140, 141	\$.34
140J-1	140	.28
141J-1	141	.41
142J-1*	142, 542	.54
142J-2	142, 542	.28

*See description above.

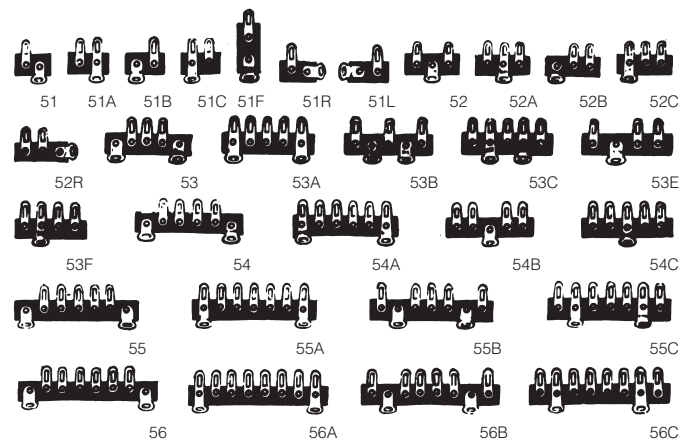


"Y"
SOLDER
TERMINAL

OPTIONAL TERMINALS

Terminals for use with 140, 141, and 142 series barrier blocks as indicated in the chart below.

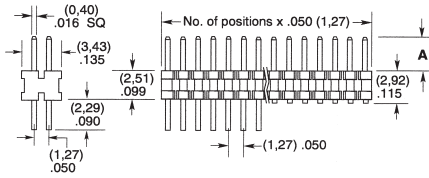
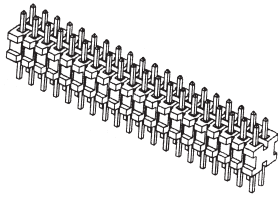
Cat. No.	For Series	Net Price
Y-140	140	\$.54
Y-141	141	.72
Y-142	142	.83



LUG TYPE TERMINAL STRIPS

These low-cost terminal strips are recommended for commercial applications where it is necessary to provide support for small electronic components in places where existing tie points are inadequate. Cadmium plated steel lugs are placed on 3/8" centers with .140" diameter mounting holes. Chocolate coloured UL94HB Rated XPC strips are 1/16" thick and 3/8" wide.

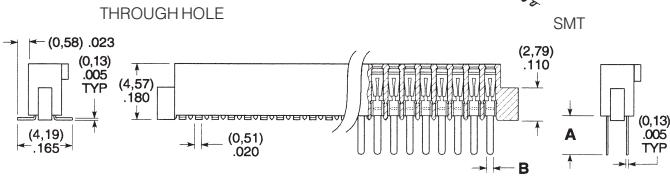
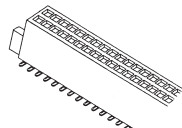
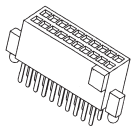
Cat. No.	Mtg Centers	Net Price
51	—	\$.65
51A	—	.75
51B	—	.75
51C	—	.75
51F	—	.94
51L	—	.94
51R	—	.94
52	—	.75
52A	—	.82
52B	—	.75
52C	—	.82
52R	—	.94
53	1 1/2"	.94
53A	1 1/2"	.94
53B	3/4"	.94
53C	3/4"	.94
53E	—	.87
53F	—	.94
54	1 1/8"	1.04
54A	—	1.19
54B	—	.94
54C	—	1.04
55	2 1/4"	1.35
55A	2 1/4"	1.58
55B	1 1/2"	1.35
55C	1 1/2"	1.58
56	2 5/8"	1.43
56A	2 5/8"	1.43
56B	1 1/8"	1.43
56C	1 1/8"	1.43



SAMTEC SERIES FTSH .050 × .050 MICRO STRIPS MATES WITH CLP SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 1.75A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, 75μ (1.91μm) tin on tail. SMT lead coplanarity: .006 (0,15mm) max. Mated with CLP Series. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)	Net Price
DOUBLE ROW, THROUGH HOLE			
FTSH-105-03-L-D	5	.065 (1.65)	\$1.03
FTSH-110-03-L-D	10	.065 (1.65)	2.06
FTSH-116-03-L-D	16	.065 (1.65)	3.05
FTSH-120-03-L-D	20	.065 (1.65)	3.49
FTSH-128-03-L-D	28	.065 (1.65)	4.44
FTSH-130-03-L-D	30	.065 (1.65)	4.76
FTSH-136-03-L-D	36	.065 (1.65)	4.07
FTSH-150-03-L-D	50	.065 (1.65)	7.14

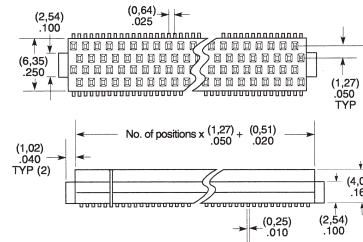
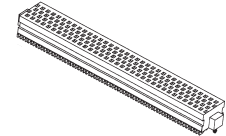
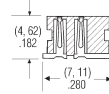


SAMTEC SERIES SFM .050 × .050 MICRO STRIPS MATES WITH TFM SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: BeCu. Current rating: 2A @ 80°C ambient. Plating: 30μ (0.76μm) gold on contact, 150μ (3.81μm) tin on tail. SMT lead coplanarity: .006 (0,15mm) max (30-50), .004 (0,10mm) max (05-25). Max cycles: 100 with 10μ (0,25μm) Au. Contact resistance: 15mΩ max. Mated with TFM. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)		Net Price
		A	B	
DOUBLE ROW, THROUGH HOLE				
SFM-105-01-S-D	5	(3,05) .120	(0,51) .020	\$1.74
SFM-110-01-S-D	10	(3,05) .120	(0,51) .020	3.49
SFM-115-01-S-D	15	(3,05) .120	(0,51) .020	4.42
SFM-120-01-S-D	20	(3,05) .120	(0,51) .020	5.90
SFM-125-01-S-D	25	(3,05) .120	(0,51) .020	7.38
SFM-130-01-S-D	30	(3,05) .120	(0,51) .020	8.85
SFM-135-01-S-D	35	(3,05) .120	(0,51) .020	9.39
SFM-140-01-S-D	40	(3,05) .120	(0,51) .020	10.73
SFM-145-01-S-D	45	(3,05) .120	(0,51) .020	12.07
SFM-150-01-S-D	50	(3,05) .120	(0,51) .020	13.41

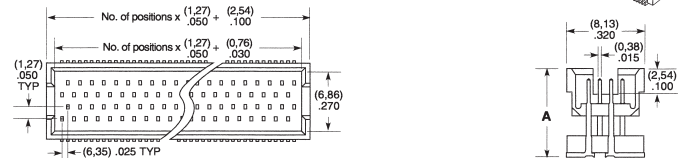
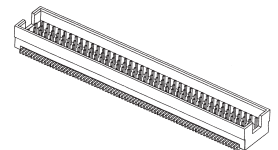
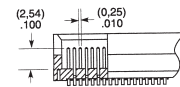
Cat. No.	No. of Contacts Per Row	Dim. Inches (mm)		Net Price
		A	B	
DOUBLE ROW, SURFACE MOUNT				
SFM-105-02-S-D	5	—	—	\$1.82
SFM-110-02-S-D	10	—	—	3.64
SFM-115-02-S-D	15	—	—	4.62
SFM-120-02-S-D	20	—	—	6.16
SFM-125-02-S-D	25	—	—	7.70
SFM-130-02-S-D	30	—	—	9.24
SFM-135-02-S-D	35	—	—	9.80
SFM-140-02-S-D	40	—	—	11.19
SFM-145-02-S-D	45	—	—	12.59
SFM-150-02-S-D	50	—	—	14.00



SAMTEC SERIES SOLC QUAD ROW SMT SOCKETS MATES WITH TOLC SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 2.5A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, gold flash on tail. SMT lead coplanarity: .006 (0,15mm) max. Contact resistance: 10 mΩ max. Insertion force: 2 oz (1,67N) average. Withdrawal force: 1.5 oz (1.39N). Max. cycles: 100+. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Net Price
QUAD ROW		
SOLC-120-02-L-Q	20	\$14.08
SOLC-125-02-L-Q	25	17.60
SOLC-130-02-L-Q	30	21.12
SOLC-135-02-L-Q	35	22.40
SOLC-140-02-L-Q	40	25.60
SOLC-145-02-L-Q	45	28.80
SOLC-150-02-L-Q	50	32.00



SAMTEC SERIES TOLC QUAD ROW SMT TERMINALS MATES WITH SOLC SERIES

SPECIFICATIONS: Insulation material: Black liquid crystal polymer. Contact material: Phosphor bronze. Current rating: 2.5A @ 80°C ambient. Plating: 10μ (0.25μm) gold on contact, gold flash on tail. SMT lead coplanarity: .006 (0,15mm) max. Operating temperature: -65°C to +125°C.

Cat. No.	No. of Contacts Per Row	Dimension A (mm)	Mating Height (mm)	Net Price
QUAD ROW				
TOLC-120-02-L-Q	02	5.59	6.35	\$11.23
TOLC-125-02-L-Q	25	5.59	6.35	14.04
TOLC-130-02-L-Q	30	5.59	6.35	16.85
TOLC-135-02-L-Q	35	5.59	6.35	17.27
TOLC-140-02-L-Q	40	5.59	6.35	20.42
TOLC-145-02-L-Q	45	5.59	6.35	23.26
TOLC-150-02-L-Q	50	5.59	6.35	25.53

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
DOUBLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-07-TD	2	2.54	10.92	5.84	\$.18
TSW-104-07-TD	4	2.54	10.92	5.84	.37
TSW-106-07-TD	6	2.54	10.92	5.84	.55
TSW-108-07-TD	8	2.54	10.92	5.84	.73
TSW-110-07-TD	10	2.54	10.92	5.84	.91
TSW-112-07-TD	12	2.54	10.92	5.84	1.10
TSW-120-07-TD	20	2.54	10.92	5.84	1.83
TSW-124-07-TD	24	2.54	10.92	5.84	2.19
TSW-136-07-TD	36	2.54	10.92	5.84	3.29
TSW-150-07-TD	50	2.54	10.92	5.84	3.65

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
SINGLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-07-TS	2	2.54	10.92	5.84	.09
TSW-104-07-TS	4	2.54	10.92	5.84	.18
TSW-106-07-TS	6	2.54	10.92	5.84	.27
TSW-108-07-TS	8	2.54	10.92	5.84	.37
TSW-110-07-TS	10	2.54	10.92	5.84	.46
TSW-112-07-TS	12	2.54	10.92	5.84	.55
TSW-120-07-TS	20	2.54	10.92	5.84	.91
TSW-124-07-TS	24	2.54	10.92	5.84	1.10
TSW-136-07-TS	36	2.54	10.92	5.84	1.64
TSW-150-07-TS	50	2.54	10.92	5.84	1.83

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
DOUBLE ROW, STRAIGHT PIN, GOLD ON CONTACTS, GOLD FLASH ON BALANCE					
TSW-102-08-G-D	2	5.08	13.46	5.84	.22
TSW-104-08-G-D	4	5.08	13.46	5.84	.44
TSW-106-08-G-D	6	5.08	13.46	5.84	.66
TSW-108-08-G-D	8	5.08	13.46	5.84	.88
TSW-110-08-G-D	10	5.08	13.46	5.84	1.10
TSW-112-08-G-D	12	5.08	13.46	5.84	1.32
TSW-120-08-G-D	20	5.08	13.46	5.84	2.20
TSW-124-08-G-D	24	5.08	13.46	5.84	2.64
TSW-136-08-G-D	36	5.08	13.46	5.84	3.96
TSW-150-08-G-D	50	5.08	13.46	5.84	4.40

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
SINGLE ROW, STRAIGHT PIN, GOLD ON CONTACTS, GOLD FLASH ON BALANCE					
TSW-102-08-G-S	2	5.08	13.46	5.84	.11
TSW-104-08-G-S	4	5.08	13.46	5.84	.22
TSW-106-08-G-S	6	5.08	13.46	5.84	.33
TSW-108-08-G-S	8	5.08	13.46	5.84	.44
TSW-110-08-G-S	10	5.08	13.46	5.84	.55
TSW-112-08-G-S	12	5.08	13.46	5.84	.66
TSW-120-08-G-S	20	5.08	13.46	5.84	1.10
TSW-124-08-G-S	24	5.08	13.46	5.84	1.32
TSW-136-08-G-S	36	5.08	13.46	5.84	1.98
TSW-150-08-G-S	50	5.08	13.46	5.84	2.20

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
DOUBLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-08-TD	2	5.08	13.46	5.84	.19
TSW-104-08-TD	4	5.08	13.46	5.84	.38
TSW-106-08-TD	6	5.08	13.46	5.84	.56
TSW-108-08-TD	8	5.08	13.46	5.84	.75
TSW-110-08-TD	10	5.08	13.46	5.84	.94
TSW-112-08-TD	12	5.08	13.46	5.84	1.13
TSW-120-08-TD	20	5.08	13.46	5.84	1.88
TSW-124-08-TD	24	5.08	13.46	5.84	2.25
TSW-136-08-TD	36	5.08	13.46	5.84	3.38
TSW-150-08-TD	50	5.08	13.46	5.84	3.75

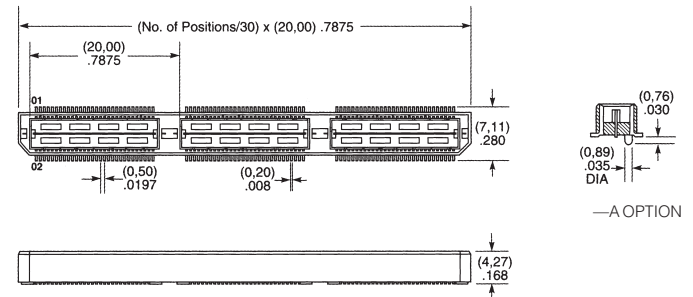
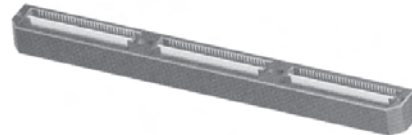
Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
SINGLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-08-TS	2	5.08	13.46	5.84	.09
TSW-104-08-TS	4	5.08	13.46	5.84	.19
TSW-106-08-TS	6	5.08	13.46	5.84	.28
TSW-108-08-TS	8	5.08	13.46	5.84	.38
TSW-110-08-TS	10	5.08	13.46	5.84	.47
TSW-112-08-TS	12	5.08	13.46	5.84	.56
TSW-120-08-TS	20	5.08	13.46	5.84	.94
TSW-124-08-TS	24	5.08	13.46	5.84	1.13
TSW-136-08-TS	36	5.08	13.46	5.84	1.69
TSW-150-08-TS	50	5.08	13.46	5.84	1.88

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
DOUBLE ROW, STRAIGHT PIN, GOLD ON CONTACTS, GOLD FLASH ON BALANCE					
TSW-102-14-G-D	2	2.79	13.46	8.13	.22
TSW-104-14-G-D	4	2.79	13.46	8.13	.44
TSW-106-14-G-D	6	2.79	13.46	8.13	.66
TSW-108-14-G-D	8	2.79	13.46	8.13	.88
TSW-110-14-G-D	10	2.79	13.46	8.13	1.10
TSW-112-14-G-D	12	2.79	13.46	8.13	1.32
TSW-120-14-G-D	20	2.79	13.46	8.13	2.20
TSW-124-14-G-D	24	2.79	13.46	8.13	2.64
TSW-136-14-G-D	36	2.79	13.46	8.13	3.96
TSW-150-14-G-D	50	2.79	13.46	8.13	4.40

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
SINGLE ROW, STRAIGHT PIN, GOLD ON CONTACTS, GOLD FLASH ON BALANCE					
TSW-102-14-G-S	2	2.79	13.46	8.13	\$.11
TSW-104-14-G-S	4	2.79	13.46	8.13	.22
TSW-106-14-G-S	6	2.79	13.46	8.13	.33
TSW-108-14-G-S	8	2.79	13.46	8.13	.44
TSW-110-14-G-S	10	2.79	13.46	8.13	.55
TSW-112-14-G-S	12	2.79	13.46	8.13	.66
TSW-120-14-G-S	20	2.79	13.46	8.13	1.10
TSW-124-14-G-S	24	2.79	13.46	8.13	1.32
TSW-136-14-G-S	36	2.79	13.46	8.13	1.98
TSW-150-14-G-S	50	2.79	13.46	8.13	2.20

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
DOUBLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-14-TD	2	2.79	13.46	8.13	.19
TSW-104-14-TD	4	2.79	13.46	8.13	.38
TSW-106-14-TD	6	2.79	13.46	8.13	.56
TSW-108-14-TD	8	2.79	13.46	8.13	.75
TSW-110-14-TD	10	2.79	13.46	8.13	.94
TSW-112-14-TD	12	2.79	13.46	8.13	1.13
TSW-120-14-TD	20	2.79	13.46	8.13	1.88
TSW-124-14-TD	24	2.79	13.46	8.13	2.25
TSW-136-14-TD	36	2.79	13.46	8.13	3.38
TSW-150-14-TD	50	2.79	13.46	8.13	3.75

Cat. No.	No. of Contacts Per Row	Dimensions (mm)			Net Price
		A	B	C	
SINGLE ROW, STRAIGHT PIN, TIN ON CONTACTS					
TSW-102-14-TS	2	2.79	13.46	8.13	.09
TSW-104-14-TS	4	2.79	13.46	8.13	.19
TSW-106-14-TS	6	2.79	13.46	8.13	.28
TSW-108-14-TS	8	2.79	13.46	8.13	.38
TSW-110-14-TS	10	2.79	13.46	8.13	.47
TSW-112-14-TS	12	2.79	13.46	8.13	.56
TSW-120-14-TS	20	2.79	13.46	8.13	.94
TSW-124-14-TS	24	2.79	13.46	8.13	1.13
TSW-136-14-TS	36	2.79	13.46	8.13	1.69
TSW-150-14-TS	50	2.79	13.46	8.13	1.88



SAMTEC SERIES QTH 0.50 MM SMT HI-SPEED HEADERS WITH ALIGNMENT PIN MATES WITH QSH SERIES

SPECIFICATIONS: Insulation material: Liquid crystal polymer. Contact material: Phosphor bronze. SMT lead coplanarity: .004" (0.10mm) max (30-60), .006" (0.15mm) (90-150). Impedance: 50Ω average. Crosstalk: -19.2 @ 500 MHz. Mating height with QSH: .197 (5.00). Maximum processing temperature: 230°C for 60 seconds.

Cat. No.	No. of Contacts Per Row	Contact Plating	Net Price
QTH-030-01-F-D-A	30	Gold Flash	\$6.74
QTH-030-01-L-D-A	30	Gold	7.09
QTH-060-01-F-D-A	60	Gold Flash	7.71
QTH-060-01-L-D-A	60	Gold	8.11
QTH-090-01-L-D-A	90	Gold	11.15
QTH-120-01-L-D-A	120	Gold	13.51
QTH-150-01-L-D-A	150	Gold	16.89



WEIDMÜLLER ECO LINE POWER SUPPLIES

Cat. No.	Output Voltage	Maximum Current	Net Price
8708660000	24 VDC	3 A	\$142.90
8708670000	24 VDC	5 A	209.70
8708680000	24 VDC	10 A	303.40
8778870000	24 VDC	20 A	464.10



WEIDMÜLLER EUROPEAN TERMINAL D-STRIPS

Material: Polyamide natural.

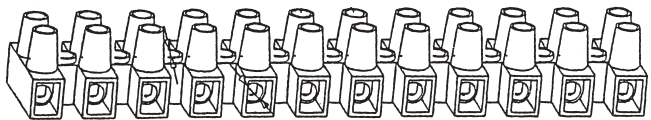
RATED DATA

Cat. No.	Voltage	Current	Wire Size
1837100000	300V	20A	22 - 12 AWG
1837130000	300V	30A	20 - 10 AWG
1837160000	300V	50A	14 - 8 AWG
1837190000	300V	55A	10 - 6 AWG
1837220000	600V	85A	8 - 4 AWG

NOTE: UL listed.

Cat. No.	Type	Net Price
1837100000	D-Strip 2.5-4/12 PA	\$1.43
1837130000	D-Strip 4-6/12 PA	.80
1837160000	D-Strip 6-10/12 PA	1.25
1837190000	D-Strip 16/12 PA	4.42
1837220000	D-Strip 25/12 PA	6.00

Approvals: CE, VDC, OVE, SEMKO, NEMKO, DEMKO, FIMKO, KEMA, LCIE, SEV, IMO, UL, CSA, EZU, BBJ-SEP, and GOST.



WEIDMÜLLER EUROPEAN TERMINAL D-STRIPS

With wire protection. Material: Polyamide natural.

RATED DATA

Cat. No.	Voltage	Current	Wire Size
1866640000	300V	20A	22 - 12 AWG
1866650000	300V	30A	20 - 10 AWG
1866660000	300V	50A	14 - 8 AWG
1866670000	300V	55A	10 - 6 AWG

NOTE: UL listed.

Cat. No.	Type	Net Price
1866640000	D-Strip 2.5-4/12 PA-WP	\$1.20
1866650000	D-Strip 4-6/12 PA-WP	1.25
1866660000	D-Strip 6-10/12 PA-WP	1.75
1866670000	D-Strip 16/2 PA-WP	3.20

Approvals: CE, VDC, OVE, SEMKO, NEMKO, DEMKO, FIMKO, KEMA, LCIE, SEV, IMO, UL, CSA, EZU, BBJ-SEP, and GOST.

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