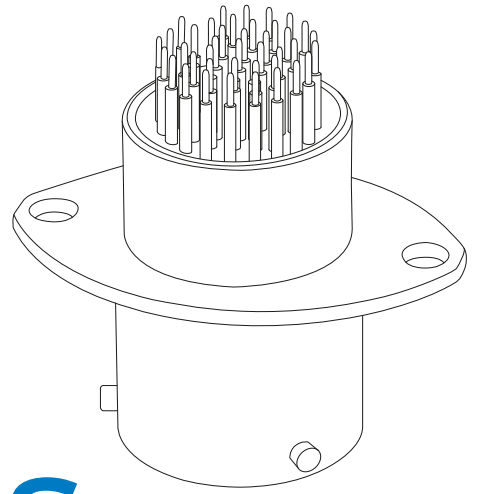


Electronic box applications connectors

8STA Series PC tail contacts



Powering Business Worldwide



8STA Series connectors

Typical applications





Souriau 8STA series

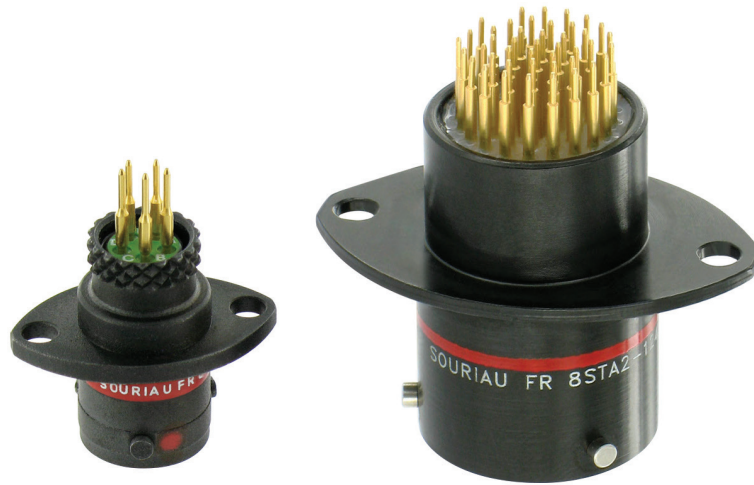
Table of contents

8STA series **5**

 Technical specifications 5

 Ordering information 6

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Description

- Rugged aluminum body to ensure long service life in the harshest environment
- 8STA PCB connectors are available in shell sizes 02 to 24 (12 sizes)
- 100% scoop proof
- Available with clinch nut
- 6 colour coded keyway orientations

Technical specifications

Mechanical

Shell

aluminum

Shell plating

Conductive black zinc

Insulator

Liquid silicone rubber

Seal

Liquid silicone rubber

Contact

Copper alloy

Contact plating

Gold

Endurance

500 matings/unmatings

Shock

300g for 3ms and EIA-364-27

Vibration

147m/s², 10 to 2000 Hz

Electrical

Contact resistance

Size 26:	16 mΩ
Size 22D:	14.6 mΩ
Size 20:	7.3 mΩ
Size 16:	3.8 mΩ

Insulation resistance

≥ 5000MΩ (at 500Vdc)

Contact rating

Size 26:	3 Amp
Size 22D:	5 Amp
Size 20:	7.5 Amp
Size 16:	13 Amp

Shell continuity

≤ 10mΩ

Environmental

Temperature range

-55°C to +175°C
-67°F to +347°F

Sealing mated connectors

IP67 (1 metre for 30 min minimum)

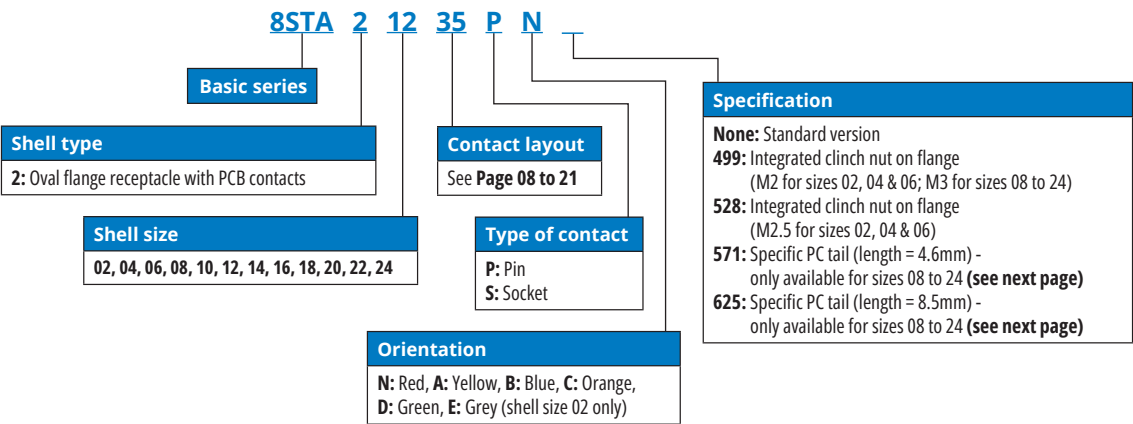
Salt spray

48 hours

8STA series PC tail contacts

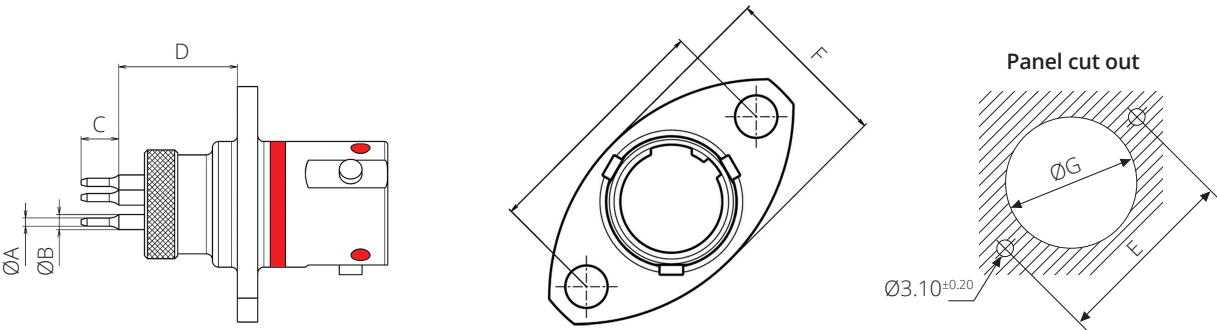
Ordering information

Part numbers



Dimensions

Shell sizes 02, 04 & 06

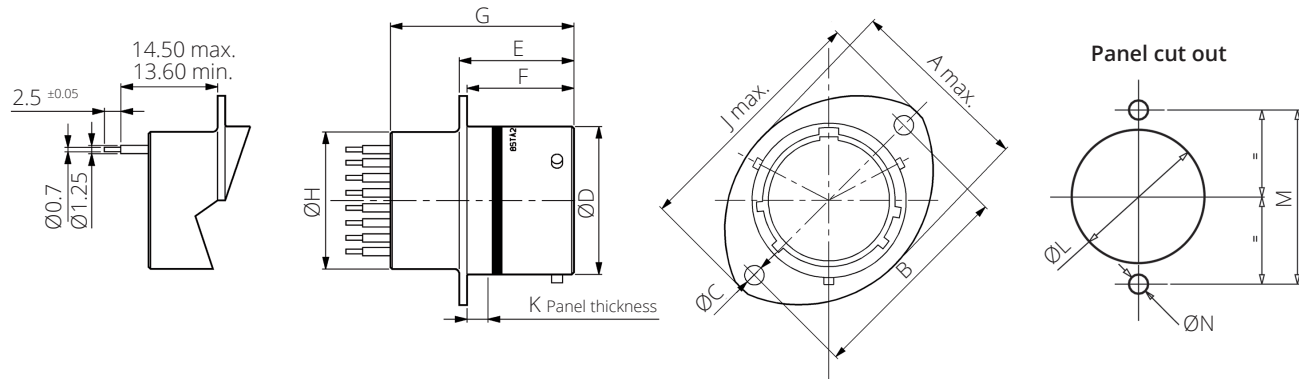


Contact size	ØA Max	ØB Max
#22D	0.70	1.25
#26	0.55	1.16

Shell size	C Max	D max	E	F Max	ØG
02	2.5	9.5	15.3 ^{+0.2}	10.7	9.3 ^{+0.1}
04	2.5	8.7	16.2 ^{+0.2}	13.2	12.0 ^{+0.1}
06	4.1	14.7	18.0 ^{+0.2}	14.8	13.0 ^{+0.1}

Note: All dimensions are in millimeters (mm)

Shell sizes 08 to 24



Shell size	A Max	B ^{±0.20}	ØC	ØD ^{±0.2}	E	F	G Max	ØH Max	J Max	K Max	ØL ^{±0.10}	M ^{±0.20}	ØN ^{±0.20}
08	16.50	21.40	3.20	12.00	17.21	16.05	27.65	11.10	27.20	3.00	14.50	21.40	3.60
10	19.50	25.90	3.20	14.97	17.21	16.05	27.65	13.90	32.00	3.00	17.40	25.90	3.60
12	24.00	29.10	3.20	19.05	17.21	16.05	27.65	17.35	35.20	3.00	21.90	29.10	3.60
14	26.90	32.50	3.20	22.22	17.21	16.05	27.65	20.50	38.40	3.00	25.00	32.50	3.60
16	30.30	34.80	3.20	25.40	17.21	16.05	27.65	23.70	41.00	3.00	28.20	34.80	3.60
18	33.70	38.20	3.20	28.57	17.21	16.05	27.65	26.91	44.70	3.00	31.40	38.20	3.60
20	37.00	41.60	3.20	31.77	17.21	15.29	27.65	30.11	47.80	3.00	34.60	41.60	3.60
22	40.40	45.00	3.20	34.90	17.21	15.29	27.65	33.20	51.00	3.00	37.60	45.00	3.60
24	43.40	49.50	3.77	38.10	18.20	15.29	27.65	36.40	55.80	3.00	41.00	49.50	4.10

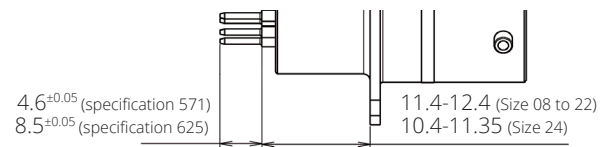
Specific PC Tail version

Available with layouts using contacts #22D and/or #20

Also available with clinch nut: please consult us

Specification 571: PC tail length = 4.6 mm

Specification 625: PC tail length = 8.5 mm



Note: All dimensions are in millimeters (mm)

8STA series PC tail contacts

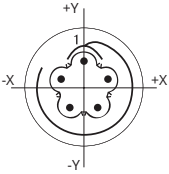
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

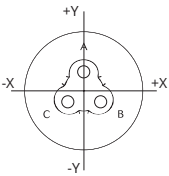
02

05



Ctc	X	Y
1	0.00	1.45
2	1.38	0.45
3	0.85	-1.18
4	-0.85	-1.18
5	-1.38	0.45

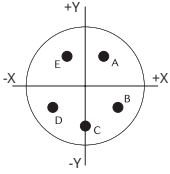
35



Ctc	X	Y
A	0.00	1.30
B	1.13	-0.65
C	-1.13	-0.65

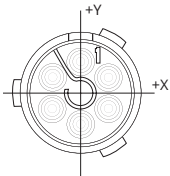
04

05



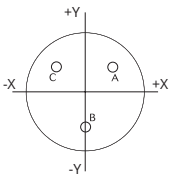
Ctc	X	Y
A	1.14	1.57
B	1.84	-0.60
C	0.00	-1.94
D	-1.84	-0.60
E	-1.14	1.57

06



Ctc	X	Y
1	0	1.7
2	1.47	0.85
3	1.47	-0.85
4	0	1.7
5	-1.47	-0.85
6	-1.47	0.85

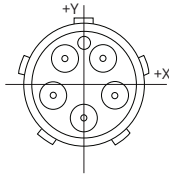
35



Ctc	X	Y
A	1.24	0.72
B	0.00	-1.43
C	-1.24	0.72

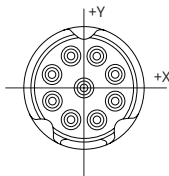
06

05



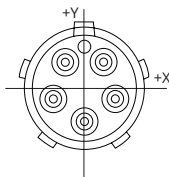
Ctc	X	Y
1	1.24	1.7
2	2.01	-0.66
3	0.00	-2.11
4	-2.01	-0.66
5	-1.24	1.7

09



Ctc	X	Y
1	0.85	2.05
2	2.05	0.85
3	2.05	-0.85
4	0.85	-2.05
5	-0.85	-2.05
6	-2.05	0.85
7	-2.05	0.85
8	-0.85	2.05
9	0	0

35



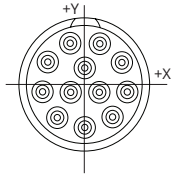
Ctc	X	Y
A	1.24	1.7
B	2.01	-0.66
C	0	-2.11
D	-2.01	-0.66
E	-1.24	1.7

PCB drilling information

Viewed from front face of male insulator.

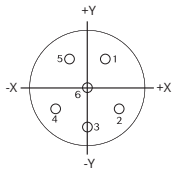
08

12



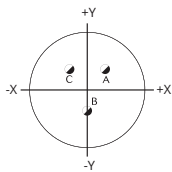
Ctc	X	Y
1	0.92	2.56
2	2.34	1.35
3	2.66	-0.47
4	1.74	-2.07
5	0	-2.7
6	-1.74	-2.07
7	-2.66	-0.47
8	-2.34	1.35
9	-0.92	2.54
10	0	1.03
11	0.89	-0.51
12	-0.89	-0.51

35



Ctc	X	Y
1	+1.14	+1.98
2	+1.98	-1.14
3	0.00	-2.29
4	-1.98	-1.14
5	-1.14	+1.98
6	0.00	0.00

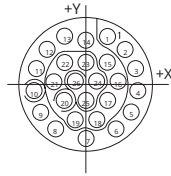
98



Ctc	X	Y
A	+1.65	+0.97
B	0.00	-1.90
C	-1.65	+0.97

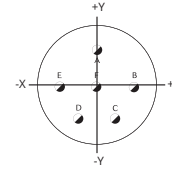
10

26



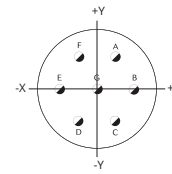
Ctc	X	Y
1	1.69	3.79
2	3.09	2.77
3	3.95	1.28
4	4.13	-0.44
5	3.58	-2.10
6	2.40	-3.37
7	0	-4.13
8	-2.40	-3.37
9	-3.58	-2.10
10	-4.13	-0.44
11	-3.95	1.28
12	-3.09	2.77
13	-1.69	3.79
14	0	3.50
15	1.70	1.76
16	2.55	0.29
17	1.70	-1.18
18	0.85	-2.65
19	-0.85	-2.65
20	-1.70	-1.18
21	-2.55	0.29
22	-1.70	1.76
23	0	1.76
24	0.85	0.29
25	0	-1.18
26	-0.85	0.29

98



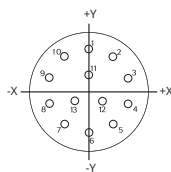
Ctc	X	Y
A	0.00	+3.30
B	+3.30	0.00
C	+1.65	-2.87
D	-1.65	-2.87
E	-3.30	0.00
F	0.00	0.00

99



Ctc	X	Y
A	+1.65	+2.85
B	+3.30	0.00
C	+1.65	-2.87
D	-1.65	-2.87
E	-3.30	0.00
F	-1.65	+2.87
G	0.00	0.00

35



Ctc	X	Y
1	0.00	+3.71
2	+2.16	+3.00
3	+3.51	+1.14
4	+3.51	-1.14
5	+2.16	-3.00
6	0.00	-3.71
7	-2.16	-3.00
8	-3.51	-1.14
9	-3.51	+1.14
10	-2.16	+3.00
11	0	+1.42
12	+1.24	-0.89
13	-1.24	-0.89

8STA series PC tail contacts

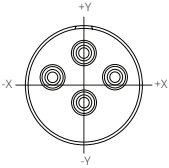
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

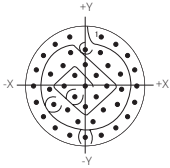
12

04



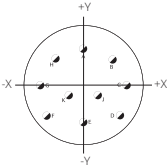
Ctc	X	Y
A	0.00	3.81
B	3.71	0.89
C	0.00	-2.11
D	-3.71	0.89

43



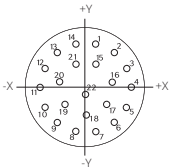
Ctc	X	Y
1	+1.80	+5.54
2	+3.42	+4.71
3	+4.71	+3.42
4	+5.54	+1.80
5	+5.82	0.00
6	+5.54	-1.80
7	+4.71	-3.42
8	+3.42	-4.71
9	+1.80	-5.54
10	0.00	-5.82
11	-1.80	-5.54
12	-3.42	-4.71
13	-4.71	-3.42
14	-5.54	-1.80
15	-5.82	0.00
16	-5.54	+1.80
17	-4.71	+3.42
18	-3.42	+4.71
19	-1.80	+5.54
20	0.00	+4.12
21	+1.68	+3.76
22	+2.54	+2.28
23	+3.92	+1.27
24	+4.10	-0.43
25	+3.57	-2.06
26	+1.99	-2.74
27	+0.86	-4.03
28	-0.86	-4.03
29	-1.99	-2.74
30	-3.57	-2.06
31	-4.10	-0.43
32	-3.92	+1.27
33	-2.54	+2.28
34	-1.68	+3.76
35	0.00	+2.42
36	+1.21	+1.21
37	+2.42	0.00
38	+1.21	-1.21
39	0.00	-2.42
40	-1.21	-1.21
41	-2.42	0.00
42	-1.21	+1.21
43	0.00	0.00

98



Ctc	X	Y
A	0.00	+4.95
B	+3.18	+3.81
C	+4.90	+0.76
D	+4.17	-2.67
E	0.00	-3.43
F	-4.17	-2.67
G	-4.90	+0.76
H	-3.18	+3.81
J	+1.65	-0.38
K	-1.65	-0.38

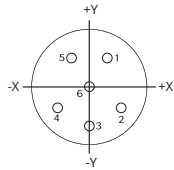
35



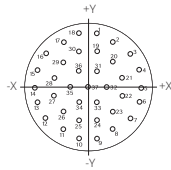
Ctc	X	Y
1	+1.14	+5.00
2	+3.20	+4.01
3	+4.62	+2.24
4	+5.16	0.00
5	+4.62	-2.24
6	+3.20	-4.01
7	+1.14	-5.00
8	-1.14	-5.00
9	-3.20	-4.01
10	-4.62	-2.24
11	-5.16	0.00
12	-4.62	+2.24
13	-3.20	+4.01
14	-1.14	+5.00
15	+1.14	+2.72
16	+2.97	+0.66
17	+2.36	-1.91
18	0.00	-3.05
19	-2.36	-1.91
20	-2.97	+0.66
21	-1.14	+2.72
22	0.00	-0.76

PCB drilling information

Viewed from front face of male insulator.

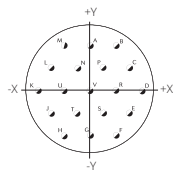
14**18**

Ctc	X	Y
A	+1.65	+6.40
B	+4.95	+2.87
C	+6.60	0.00
D	+4.95	-2.87
E	+3.30	-5.72
F	0.00	-5.72
G	-3.30	-5.72
H	-4.95	-2.87
J	-6.60	0.00
K	-4.95	+2.87
L	-1.65	+6.40
M	-1.65	+2.87
N	+1.65	+2.87
P	+3.30	0.00
R	+1.65	-2.87
S	-1.65	-2.87
T	-3.30	0.00
U	0.00	0.00

35

Ctc	X	Y
1	+1.14	+6.65
2	+3.12	+5.51
3	+5.36	+4.06
4	+6.45	+2.03
5	+6.76	-0.25
6	+6.27	-2.49
7	+5.08	-4.45
8	+3.30	-5.89
9	+1.14	-6.65
10	-1.14	-6.65
11	-3.30	-5.89
12	-5.08	-4.45
13	-6.27	-2.49
14	-6.76	-0.25
15	-6.45	+2.03
16	-5.36	+4.06
17	-3.12	+5.51
18	-1.14	+6.65
19	+1.14	+4.37
20	+3.12	+3.02
21	+4.32	+1.02
22	+4.32	-1.27
23	+3.12	-3.23
24	+1.14	-4.37
25	-1.14	-4.37
26	-3.12	-3.23
27	-4.32	-1.27
28	-4.32	+1.02
29	-3.12	+3.02
30	-1.14	+4.37

Ctc	X	Y
31	+1.14	+1.88
32	+2.29	-0.10
33	+1.14	-2.08
34	-1.14	-2.08
35	-2.29	-0.10
36	-1.14	+1.88
37	0.00	-0.10

19

Ctc	X	Y
A	0.00	+5.72
B	+3.30	+5.72
C	+4.95	+2.87
D	+6.60	0.00
E	+4.95	-2.87
F	+3.30	-5.72
G	0.00	-5.72
H	-3.30	-5.72
J	-4.95	-2.87
K	-6.60	0.00
L	-4.95	+2.87
M	-3.30	+5.72
N	-1.65	+2.87
P	+1.65	+2.87
R	+3.30	0.00
S	+1.65	-2.87
T	-1.65	-2.87
U	-3.30	0.00
V	0.00	0.00

8STA series PC tail contacts

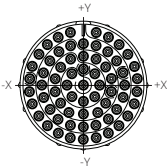
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

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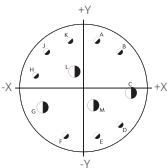


Ctc	X	Y
1	1.77	7.20
2	3.44	6.56
3	4.91	5.55
4	6.10	4.21
5	6.99	2.55
6	7.36	0.89
7	7.36	-0.89
8	6.99	-2.55
9	6.10	-4.21
10	-4.91	-5.55
11	3.44	-6.56
12	1.77	-7.20
13	0.00	-7.41
14	-1.77	-7.20
15	-3.44	-6.56
16	-4.91	-5.55
17	-6.10	-4.21
18	-6.99	-2.55
19	-7.36	-0.89
20	-7.36	0.89
21	-6.99	2.55
22	-6.10	4.21
23	-4.91	5.55

Ctc	X	Y
24	-3.44	6.56
25	-1.77	7.20
26	0.00	5.68
27	1.75	5.40
28	3.34	4.59
29	4.56	3.32
30	5.46	1.68
31	5.68	0.00
32	5.46	-1.68
33	4.56	-3.32
34	3.45	-4.65
35	1.75	-5.48
36	0.00	-5.68
37	-1.75	-5.48
38	-3.45	-4.65
39	-4.56	-3.32
40	-5.46	-1.68
41	-5.68	0.00
42	-5.46	1.68
43	-4.56	3.32
44	-3.34	4.59
45	-1.75	5.40
46	0.00	3.95

Ctc	X	Y
47	1.71	3.56
48	3.09	2.46
49	3.85	0.88
50	185	-0.88
51	3.09	-2.46
52	1.97	-3.75
53	0.00	-3.95
54	-1.97	-3.75
55	-3.09	-2.46
56	-3.85	-0.88
57	-3.65	0.88
58	-3.09	2.46
59	-1.71	3.56
60	0.00	2.22
61	1.57	1.57
62	2.22	0.00
63	1.57	-1.57
64	0.00	-2.22
65	-1.57	-1.57
66	-2.22	0.00
67	-1.57	1.57
68	0.00	0.00

97



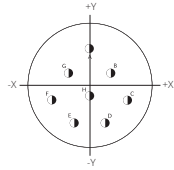
Ctc	X	Y
A	+1.65	+5.94
B	+4.52	+4.52
C	+5.84	-0.58
D	+4.52	-4.52
E	+1.65	-5.94
F	-2.26	-5.97
G	-5.26	-2.41
H	-5.94	+1.65
J	-4.52	+4.52
K	-1.65	+5.94
L	-1.19	+2.06
M	+1.19	-2.06

PCB drilling information

Viewed from front face of male insulator.

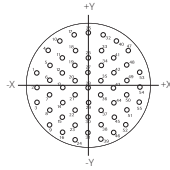
16

08



Ctc	X	Y
A	0.00	+5.99
B	+3.25	+2.18
C	+5.84	-1.98
D	+2.39	-5.49
E	-2.39	-5.49
F	-5.84	-1.98
G	-3.25	+2.18
H	0.00	-1.32

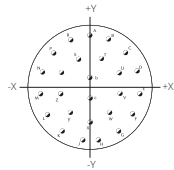
35



Ctc	X	Y
1	-7.92	+2.18
2	-7.92	-0.10
3	-7.92	-2.39
4	-6.15	+5.61
5	-5.94	+3.33
6	-5.94	+1.04
7	-5.94	-1.24
8	-5.94	-3.53
9	-5.94	-5.82
10	-4.37	+7.09
11	-3.96	+4.47
12	-3.96	+2.18
13	-3.96	-0.10
14	-3.96	-2.39
15	-3.96	-4.67
16	-3.96	-6.96
17	-2.26	+8.03
18	-1.98	+5.61
19	-1.98	+3.33
20	-1.98	+1.04
21	-1.98	-1.24
22	-1.98	-3.53
23	-1.98	-5.82
24	-1.98	-8.10
25	0.00	+8.36
26	0.00	+4.47
27	0.00	+2.18
28	0.00	-0.10

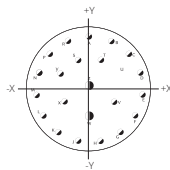
Ctc	X	Y
29	0.00	-2.39
30	0.00	+4.67
31	0.00	-6.96
32	+2.26	+8.03
33	+1.98	+5.61
34	+1.98	+3.33
35	+1.98	+1.04
36	+1.98	-1.24
37	+1.98	-3.53
38	+1.98	-5.82
39	+1.98	-8.10
40	+4.37	+7.09
41	+3.96	+4.47
42	+3.96	+2.18
43	+3.96	-0.10
44	+3.96	-2.39
45	+3.96	-4.67
46	+3.96	-6.96
47	+6.15	+5.61
48	+5.94	+3.33
49	+5.94	+1.04
50	+5.94	-1.24
51	+5.94	-3.53
52	+5.94	-5.82
53	+7.92	+2.18
54	+7.92	-0.10
55	+7.92	-2.39

26



Ctc	X	Y
A	0.00	+8.15
B	+3.33	+7.44
C	+6.07	+5.44
D	+7.75	+2.51
E	+8.10	-0.86
F	+7.06	-4.09
G	+4.80	-6.60
H	+1.70	-7.98
J	-1.70	-7.98
K	-4.80	-6.60
L	-7.06	-4.09
M	-8.10	-0.86
N	-7.75	+2.51
P	-6.07	+5.44
R	-3.33	+7.44
S	-1.78	+4.50
T	+1.78	+4.50
U	+4.45	+2.39
V	+4.53	-0.91
W	+3.02	-3.84
X	0.00	-5.16
Y	-3.02	-3.84
Z	-4.53	-0.91
a	-4.45	+2.39
b	0.00	+1.65
c	0.00	-1.65

99



Ctc	X	Y
A	0.00	+8.15
B	+3.33	+7.44
C	+6.07	+5.44
D	+7.75	+2.51
E	+8.10	-0.86
F	+7.06	-4.09
G	+4.80	-6.60
H	+1.70	-7.98
J	-1.70	-7.98
K	-4.80	-6.60
L	-7.06	-4.09
M	-8.10	-0.86

Ctc	X	Y
N	-7.75	+2.51
P	-6.07	+5.44
R	-3.33	+7.44
S	-1.78	+4.50
T	+1.78	+4.50
U	+4.45	+2.39
V	+3.81	-1.91
W	0.00	-4.09
X	-3.81	-1.91
Y	-4.45	+2.39
Z	0.00	+0.64

8STA series PC tail contacts

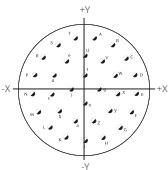
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

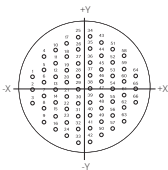
18

32



Ctc	X	Y
A	+1.68	+8.97
B	+4.80	+7.75
C	+7.26	+5.51
D	+8.76	+2.49
E	+9.07	-0.84
F	+8.15	-4.06
G	+6.15	-6.73
H	+3.30	-8.51
J	0.00	-9.12
K	-3.30	-8.51
L	-6.15	-6.73
M	-8.15	-4.06
N	-9.07	-0.84
P	-8.76	+2.49
R	-7.26	+5.51
S	-4.80	+7.75
T	-1.68	+8.97
U	0.00	+5.84
V	+3.15	+4.90
W	+5.31	+2.41
X	+5.79	-0.84
Y	+4.42	-3.84
Z	+1.65	-5.61
a	-1.65	-5.61
b	-4.42	-3.84
c	-5.79	-0.84
d	-5.31	+2.41
e	-3.15	+4.90
f	0.00	+2.44
g	+2.44	0.00
h	0.00	-2.44
j	-2.44	0.00

35

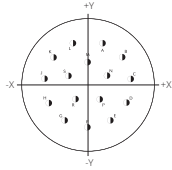


Ctc	X	Y
1	-9.07	+2.29
2	-9.07	0.00
3	-9.07	-2.29
4	-7.09	+5.71
5	-7.09	+3.43
6	-7.09	+1.14
7	-7.09	-1.14
8	-7.09	-3.43
9	-7.09	-5.71
10	-5.11	+6.86
11	-5.11	+4.57
12	-5.11	+2.29
13	-5.11	0.00
14	-5.11	-2.29
15	-5.11	-4.57
16	-5.11	-6.86
17	-3.12	+8.00
18	-3.12	+5.71
19	-3.12	+3.43
20	-3.12	+1.14
21	-3.12	-1.14
22	-3.12	-3.43
23	-3.12	-5.71
24	-3.12	-8.00
25	-1.14	+9.14
26	-1.14	+6.86
27	-1.14	+4.57
28	-1.14	+2.29
29	-1.14	0.00
30	-1.14	-2.29
31	-1.14	-4.57
32	-1.14	-6.86
33	-1.14	-9.14
34	+1.14	+9.14
35	+1.14	+6.86
36	+1.14	+4.57
37	+1.14	+2.29
38	+1.14	0.00
39	+1.14	-2.29
40	+1.14	-4.57

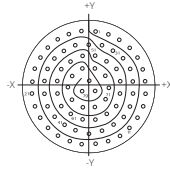
Ctc	X	Y
41	+1.14	-6.86
42	+1.14	-9.14
43	+3.12	+8.00
44	+3.12	+5.71
45	+3.12	+3.43
46	+3.12	+1.14
47	+3.12	-1.14
48	+3.12	-3.43
49	+3.12	-5.71
50	+3.12	-8.00
51	+5.11	+6.86
52	+5.11	+4.57
53	+5.11	+2.29
54	+5.11	0.00
55	+5.11	-2.29
56	+5.11	-4.57
57	+5.11	-6.86
58	+7.09	+5.71
59	+7.09	+3.43
60	+7.09	+1.14
61	+7.09	-1.14
62	+7.09	-3.43
63	+7.09	-5.71
64	+9.07	+2.29
65	+9.07	0.00
66	+9.07	-2.29

PCB drilling information

Viewed from front face of male insulator.

20**16**

Ctc	X	Y
A	+3.00	+8.18
B	+6.88	+5.36
C	+8.66	+0.91
D	+7.82	-3.81
E	+4.62	-7.37
F	0.00	-8.71
G	-4.62	-7.37
H	-7.82	-3.81
J	-8.66	+0.91
K	-6.88	+5.36
L	-3.00	+8.18
M	0.00	+4.45
N	+3.91	+1.57
P	+2.39	-3.10
R	-2.39	-3.10
S	-3.91	+1.57

35

Ctc	X	Y
1	+1.35	+10.82
2	+3.71	+10.26
3	+5.89	+9.19
4	+7.77	+7.67
5	+9.27	+5.77
6	+10.31	+3.58
7	+10.85	+1.22
8	+10.85	-1.22
9	+10.31	-3.58
10	+9.27	-5.77
11	+7.77	-7.67
12	+5.89	-9.19
13	+3.71	-10.26
14	+1.35	-10.82
15	-1.35	-10.82
16	-3.71	-10.26
17	-5.89	-9.19
18	-7.77	-7.67
19	-9.27	-5.77
20	-10.31	-3.58
21	-10.85	-1.22
22	-10.85	+1.22
23	-10.31	+3.58
24	-9.27	+5.77
25	-7.77	+7.67
26	-5.89	+9.19
27	-3.71	+10.26
28	-1.35	+10.82
29	0.00	+8.20
30	+2.49	+8.18
31	+4.67	+7.11
32	+6.55	+5.59
33	+7.90	+3.58
34	+8.43	+1.22
35	+8.43	-1.22
36	+7.90	-3.58
37	+6.55	-5.59
38	+4.67	-7.11
39	+2.49	-8.18
40	0.00	-8.81

Ctc	X	Y
41	-2.49	-8.18
42	-4.67	-7.11
43	-6.55	-5.59
44	-7.90	-3.58
45	-8.43	-1.22
46	-8.43	+1.22
47	-7.90	+3.58
48	-6.55	+5.59
49	-4.67	+7.11
50	-2.49	+8.18
51	-1.22	+6.12
52	+1.22	+6.12
53	+3.40	+5.05
54	+5.28	+3.53
55	+6.02	+1.22
56	+6.02	-1.22
57	+5.28	-3.53
58	+3.40	-5.05
59	+1.22	-6.12
60	-1.22	-6.12
61	-3.40	-5.05
62	-5.28	-3.53
63	-6.02	-1.22
64	-6.02	+1.22
65	-5.28	+3.53
66	-3.40	+5.05
67	-1.22	+3.71
68	+1.22	+3.71
69	+3.18	+2.29
70	+3.94	0.00
71	+3.18	-2.29
72	+1.22	-3.71
73	-1.22	-3.71
74	-3.18	-2.29
75	-3.94	0.00
76	-3.18	+2.29
77	0.00	+1.35
78	+1.22	-0.74
79	-1.22	-0.74

8STA series PC tail contacts

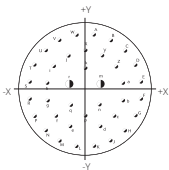
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

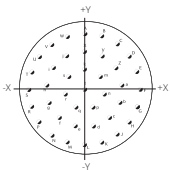
20

39



Ctc	X	Y
A	+1.65	+10.44
B	+4.80	+9.42
C	+7.47	+7.47
D	+9.42	+4.80
E	+10.44	+1.65
F	+10.44	-1.65
G	+9.42	-4.80
H	+7.47	-7.47
J	+4.80	-9.42
K	+1.65	-10.44
L	-1.65	-10.44
M	-4.80	-9.42
N	-7.47	-7.47
P	-9.42	-4.80
R	-10.44	-1.65
S	-10.44	+1.65
T	-9.42	+4.80
U	-7.47	+7.47
V	-4.80	+9.42
W	-1.65	+10.44
X	0.00	+7.49
Y	+3.20	+6.50
Z	+5.89	+4.55
a	+7.11	+1.45
b	+7.11	-1.88
c	+5.51	-4.80
d	+2.84	-6.73
e	-2.84	-6.73
f	-5.51	-4.80
g	-7.11	-1.88
h	-7.11	+1.45
i	-5.89	+4.55
j	-3.20	+6.50
k	0.00	+4.17
m	+2.90	+1.22
n	+2.69	-2.72
p	0.00	-4.80
q	-2.69	-2.72
r	-2.90	+1.22

41



Ctc	X	Y
A	0.00	+10.60
B	+3.28	+10.09
C	+6.23	+8.58
D	+8.58	+6.23
E	+10.09	+3.28
F	+10.60	0.00
G	+10.09	-3.28
H	+8.58	-6.23
J	+6.23	-8.58
K	+3.28	-10.09
L	0.00	-10.60
M	-3.28	-10.09
N	-6.23	-8.58
P	-8.58	-6.23
R	-10.09	-3.28
S	-10.60	0.00
T	-10.09	+3.28
U	-8.58	+6.23
V	-6.23	+8.58
W	-3.28	+10.09
X	0.00	+7.20
Y	+3.35	+6.38
Z	+5.92	+4.09
a	+7.15	+0.87
b	+6.73	-2.55
c	+4.78	-5.39
d	+1.73	-6.99
e	-1.73	-6.99
f	-4.78	-5.39
g	-6.73	-2.55
h	-7.15	+0.87
i	-5.92	+4.09

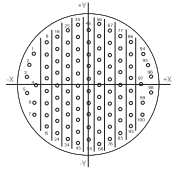
Ctc	X	Y
j	-3.35	+6.38
k	0.00	+3.81
m	+2.98	+2.38
n	+3.71	-0.85
p	+1.66	-3.43
q	-1.66	-3.43
r	-3.71	-0.85
s	-2.98	+2.38
t	0.00	0.00

PCB drilling information

Viewed from front face of male insulator.

22

35



Ctc	X	Y
1	-10.87	6.12
2	-11.86	3.91
3	-12.40	1.55
4	-10.54	0.00
5	-12.40	-1.55
6	-10.87	-3.61
7	-10.87	-6.02
8	-8.43	8.46
9	-8.43	6.05
10	-8.43	3.63
11	-8.43	1.22
12	-8.43	-1.19
13	-8.43	-3.61
14	-8.43	-6.02
15	-8.43	-8.43
16	-6.32	9.65
17	-6.32	7.24
18	-6.32	4.83
19	-6.32	2.41
20	-6.32	0.00
21	-6.32	-2.41
22	-6.32	-4.83
23	-6.32	-7.24
24	-6.32	-9.65
25	-4.22	10.87
26	-4.22	8.46
27	-4.22	6.05
28	-4.22	3.63
29	-4.22	1.22
30	-4.22	-1.19
31	-4.22	-3.61
32	-4.22	-6.02
33	-4.22	-8.43
34	-4.22	-10.85
35	-2.11	12.06
36	-2.11	9.65
37	-2.11	7.24
38	-2.11	4.83
39	-2.11	2.41
40	-2.11	0.00
41	-2.11	-2.41
42	-2.11	-4.83

Ctc	X	Y
43	-2.11	-7.24
44	-2.11	-9.65
45	-2.11	-12.06
46	0.00	10.87
47	0.00	8.46
48	0.00	6.05
49	0.00	3.63
50	0.00	1.22
51	0.00	-1.19
52	0.00	-3.61
53	0.00	-6.02
54	0.00	-8.43
55	0.00	-10.85
56	2.11	12.06
57	2.11	9.65
58	2.11	7.24
59	2.11	4.83
60	2.11	2.41
61	2.11	0.00
62	2.11	-2.41
63	2.11	-4.83
64	2.11	-7.24
65	2.11	-9.65
66	2.11	-12.06
67	4.22	10.87
68	4.22	8.46
69	4.22	6.05
70	4.22	3.63
71	4.22	1.22
72	4.22	-1.19
73	4.22	-3.61
74	4.22	-6.02
75	4.22	-8.43
76	4.22	-10.85
77	6.32	9.65
78	6.32	7.24
79	6.32	4.83
80	6.32	2.41
81	6.32	0.00
82	6.32	-2.41
83	6.32	-4.83
84	6.32	-7.24

Ctc	X	Y
85	6.32	-9.65
86	8.43	8.46
87	8.43	6.05
88	8.43	3.63
89	8.43	1.22
90	8.43	-1.19
91	8.43	-3.61
92	8.43	-6.02
93	8.43	-8.43
94	10.87	6.12
95	11.86	3.91
96	12.40	1.55
97	10.54	0.00
98	12.40	-1.55
99	10.87	-3.61
100	10.87	-6.02

8STA series PC tail contacts

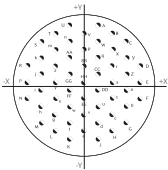
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

22

55



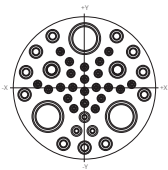
Ctc	X	Y
A	2.84	11.56
B	5.72	9.91
C	8.53	8.26
D	11.43	3.30
E	11.43	0.00
F	11.43	-3.30
G	8.53	-8.26
H	5.72	-9.91
J	2.84	-11.56
K	-2.84	-11.56
L	-5.72	-9.91
M	-8.53	-8.26
N	-11.43	-3.30
P	-11.43	0.00
R	-11.43	3.30
S	-8.53	8.26
T	-5.72	9.91
U	-2.84	11.56
V	0.00	9.91

Ctc	X	Y
W	2.84	8.26
X	5.72	6.60
Y	8.53	4.95
Z	8.53	1.65
a	8.53	-1.65
b	8.53	-4.95
c	5.72	-6.60
d	2.84	-8.26
e	0.00	-9.91
f	-2.84	-8.26
g	-5.72	-6.60
h	-8.53	-4.95
i	-8.53	-1.65
j	-8.53	1.65
k	-8.53	4.95
m	-5.72	6.60
n	-2.84	8.26
p	0.00	6.60
q	2.84	4.95

Ctc	X	Y
r	5.72	3.30
s	5.72	0.00
t	5.72	-3.30
u	2.84	-4.95
v	0.00	-6.60
w	-2.84	-4.95
x	-5.72	-3.30
y	-5.72	0.00
z	-5.72	3.30
AA	-2.84	4.95
BB	0.00	3.30
CC	2.84	1.65
DD	2.84	-1.65
EE	0.00	-3.30
FF	-2.84	-1.65
GG	-2.84	1.65
HH	0.00	0.00

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04



Ctc	X	Y
A	+1.75	+13.49
B	+5.16	+12.57
C	+8.23	+10.80
D	+10.77	+8.28
E	+12.52	+5.21
F	+13.49	+1.75
G	+13.49	-1.75
H	+12.52	-5.21
J	+10.77	-8.28
K	+8.23	-10.80
L	+5.16	-12.57
M	+1.75	-13.49
N	-1.75	-13.49
P	-5.16	-12.57
R	-8.23	-10.80
S	-10.77	-8.28
T	-12.52	-5.21
U	-13.49	-1.75
V	-13.49	+1.75
W	-12.52	+5.21

Ctc	X	Y
X	-10.77	+8.28
Y	-8.23	+10.80
Z	-5.16	+12.57
a	-1.75	+13.49
b	+2.18	+10.08
c	+5.38	+8.78
d	+7.90	+6.38
e	+9.58	+3.35
f	+10.46	0.00
g	+9.58	-3.35
h	+7.90	-6.38
k	+5.38	-8.78
m	+2.18	-10.08
n	-2.18	-10.08
p	-5.38	-8.78
q	-7.90	-6.38
r	-9.58	-3.35
s	-10.46	0.00
t	-9.58	+3.35

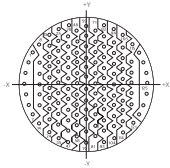
Ctc	X	Y
u	-7.90	+6.38
v	-5.38	+8.78
w	-2.18	+10.08
x	+1.75	+6.66
y	+4.37	+3.78
z	+6.55	0.00
AA	+4.37	-3.78
BB	+1.75	-6.66
CC	-1.75	-6.66
DD	-4.37	-3.78
EE	-6.55	0.00
FF	-4.37	-3.78
GG	-1.75	-6.66
HH	0.00	+3.35
JJ	+2.18	0.00
KK	0.00	-3.35
LL	-2.18	0.00

PCB drilling information

Viewed from front face of male insulator.

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35



Ctc	X	Y
1	-12.17	+7.09
2	-13.21	+4.83
3	-13.87	+2.41
4	-14.10	0.00
5	-13.87	-2.41
6	-13.21	-4.83
7	-12.17	-7.09
8	-10.77	+9.07
9	-10.54	+4.83
10	-10.54	+2.41
11	-10.54	0.00
12	-10.54	-2.41
13	-10.54	-4.83
14	-10.77	-9.07
15	-8.43	+11.28
16	-8.43	+8.43
17	-8.43	+6.02
18	-8.43	+3.61
19	-8.43	+1.19
20	-8.43	-1.19
21	-8.43	-3.61
22	-8.43	-6.02
23	-8.43	-8.43
24	-8.43	-10.85
25	-6.32	+12.60
26	-6.32	+9.65
27	-6.32	+7.24
28	-6.32	+4.83
29	-6.32	+2.41
30	-6.32	0.00
31	-6.32	-2.41
32	-6.32	-4.83
33	-6.32	-7.24
34	-6.32	-9.65
35	-6.32	-12.07
36	-4.06	+13.49
37	-4.22	+10.85

Ctc	X	Y
38	-4.22	+8.43
39	-4.22	+6.02
40	-4.22	+3.61
41	-4.22	+1.19
42	-4.22	-1.19
43	-4.22	-3.61
44	-4.22	-6.02
45	-4.22	-8.43
46	-4.22	-10.85
47	-4.22	-13.26
48	-2.11	+12.07
49	-2.11	+9.65
50	-2.11	+7.24
51	-2.11	+4.83
52	-2.11	+2.41
53	-2.11	0.00
54	-2.11	-2.41
55	-2.11	-4.83
56	-2.11	-7.24
57	-2.11	-9.65
58	-2.11	-12.07
59	0.00	+13.26
60	0.00	+10.85
61	0.00	+8.43
62	0.00	+6.02
63	0.00	+3.61
64	0.00	+1.19
65	0.00	-1.19
66	0.00	-3.61
67	0.00	-6.02
68	0.00	-8.43
69	0.00	-10.85
70	0.00	-14.10
71	+2.11	+12.07
72	+2.11	+9.65
73	+2.11	+7.24
74	+2.11	+4.83

Ctc	X	Y
75	+2.11	+2.41
76	+2.11	0.00
77	+2.11	-2.41
78	+2.11	-4.83
79	+2.11	-7.24
80	+2.11	-9.65
81	+2.11	-12.07
82	+4.06	+13.49
83	+4.22	+10.85
84	+4.22	+8.43
85	+4.22	+6.02
86	+4.22	+3.61
87	+4.22	+1.19
88	+4.22	-1.19
89	+4.22	-3.61
90	+4.22	-6.02
91	+4.22	-8.43
92	+4.22	-10.85
93	+4.22	-13.26
94	+6.32	+12.60
95	+6.32	+9.65
96	+6.32	+7.24
97	+6.32	+4.83
98	+6.32	+2.41
99	+6.32	0.00
100	+6.32	-2.41
101	+6.32	-4.83
102	+6.32	-7.24
103	+6.32	-9.65
104	+6.32	-12.07
105	+8.43	+11.28
106	+8.43	+8.43
107	+8.43	+6.02
108	+8.43	+3.61
109	+8.43	+1.19
110	+8.43	-1.19
111	+8.43	-3.61

Ctc	X	Y
112	+8.43	-6.02
113	+8.43	-8.43
114	+8.43	-10.85
115	+10.77	+9.07
116	+10.54	+4.83
117	+10.54	+2.41
118	+10.54	0.00
119	+10.54	-2.41
120	+10.54	-4.83
121	+10.77	-9.07
122	+12.17	+7.09
123	+13.21	+4.83
124	+13.87	+2.41
125	+14.10	0.00
126	+13.87	-2.41
127	+13.21	-4.83
128	+12.17	-7.09

8STA series PC tail contacts

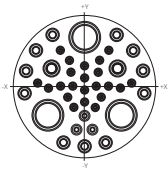
Contact layouts

PCB drilling information

Viewed from front face of male insulator.

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Ctc	Size	X	Y
A	#8	0.00	10.79
B	#16	7.09	11.34
C	#16	10.77	7.92
D	#16	12.94	3.39
E	#16	13.27	-1.62
F	#8	8.17	-6.44
G	#16	4.67	-12.53
H	#16	0.00	-13.37
J	#16	-4.67	-12.53
K	#8	-8.17	-6.44
L	#16	-13.27	-1.62
M	#16	-12.94	3.39
N	#16	-10.77	7.92
P	#16	-7.09	11.34
R	#22D	5.37	7.92
S	#12	7.32	3.91
T	#22D	10.39	0.67
U	#20	1.77	-9.66
V	#20	-1.77	-9.66
W	#22D	-10.39	0.67
X	#12	-7.32	3.91

Ctc	Size	X	Y
Y	#22D	-5.37	7.92
Z	#22D	3.32	5.72
a	#22D	7.96	-0.42
b	#20	0.00	-6.60
c	#22D	-7.96	-0.42
d	#22D	-3.32	5.72
e	#22D	0.00	4.48
f	#22D	3.02	3.07
g	#22D	5.32	0.005
h	#22D	3.70	-2.43
i	#22D	2.38	-4.74
j	#22D	-2.38	-4.74
k	#22D	-3.70	-2.43
m	#22D	-5.32	0.005
n	#22D	-3.02	3.07
p	#22D	0.00	1.81
q	#22D	2.59	-0.01
r	#22D	0.00	-3.53
s	#22D	-2.59	-0.01
t	#22D	0.00	-0.86

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