

DIMENSIONES MECÁNICAS DE PANEL

BASES CON CONTACTOS DE TAMAÑO 22D

El marcaje del alojamiento de los contactos se muestra en la parte de conexión del inserto macho.

En el inserto hembra, la numeración es simétrica en relación al eje +Y/-Y. Para conocer los diámetros recomendados de los taladros (ϕA), consultar la tabla de la pag. 22. Consultar SCP para obtener ficha técnica del plano de mecanizado de PCB.

Cto. nº	x (mm)	y (mm)
1	+1.14	+1.98
2	+1.98	-1.14
3	0	-2.29
4	-1.98	-1.14
5	-1.14	+1.98
6	0	0

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6 contactos tamaño 22D

Cto. nº	x (mm)	y (mm)
1	0	+3.71
2	+2.16	+3.00
3	+3.51	+1.14
4	+3.51	-1.14
5	+2.16	-3.00
6	0	-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

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13 contactos Tamaño 22D

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22 contactos tamaño 22D

Cto. nº	x (mm)	y (mm)
9	-3.20	-4.01
10	-4.62	-2.24
11	-5.16	0
12	-4.62	+2.24
13	-3.20	+4.01
14	-1.14	+5.00
15	+1.14	+2.72
16	+2.36	+0.66
17	+2.36	-1.91
18	0	-3.05
19	-2.36	-1.91
20	-2.97	+0.66
21	-1.14	+2.72
22	0	-0.76

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37 contactos Tamaño 22D

Cto. nº	x (mm)	y (mm)
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
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	-0.10

Cto. nº	x (mm)	y (mm)
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

Cto. nº	x (mm)	y (mm)
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	+8.36
26	0	+4.47
27	0	+2.18
28	0	-0.10

Cto. nº	x (mm)	y (mm)
29	0	-2.39
30	0	-4.67
31	0	-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

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Cto. nº	x (mm)	y (mm)
35	+1.14	+6.86
36	+1.14	+4.57
37	+1.14	+2.29
38	+1.14	0
39	+1.14	-2.29
40	+1.14	-4.57
41	+1.14	-6.86
42	+1.14	-9.14
43	+3.12	+8.00
44	+3.12	+5.72
45	+3.12	+3.43
46	+3.12	+1.14
47	+3.12	-1.14
48	+3.12	-3.43
49	+3.12	-5.72
50	+3.12	-8.00
51	+5.11	+6.86
52	+5.11	+4.57
53	+5.11	+2.29
54	+5.11	0
55	+5.11	-2.29
56	+5.11	-4.57
57	+5.11	-6.86
58	+7.09	+5.72
59	+7.09	+3.43
60	+7.09	+1.14
61	+7.09	-1.14
62	+7.09	-3.43
63	+7.09	-5.72
64	+9.07	+2.29
65	+9.07	0
66	+9.07	-2.29

Cto. nº	x (mm)	y (mm)
1	-10.87	+6.12
2	-11.86	+3.91
3	-12.40	+1.55
4	-10.54	0
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
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

Cto. nº	x (mm)	y (mm)
35	-2.11	+12.07
36	-2.11	+9.65
37	-2.11	+7.24
38	-2.11	+4.83
39	-2.11	+2.41
40	-2.11	0
41	-2.11	-2.41
42	-2.11	-4.83
43	-2.11	-7.24
44	-2.11	-9.65
45	-2.11	-12.07
46	0	+10.87
47	0	+8.46
48	0	+6.05
49	0	+3.63
50	0	+1.22
51	0	-1.19
52	0	-3.61
53	0	-6.02
54	0	-8.43
55	0	-10.85
56	+2.11	+12.07
57	+2.11	+9.65
58	+2.11	+7.24
59	+2.11	+4.83
60	+2.11	+2.41
61	+2.11	0
62	+2.11	-2.41
63	+2.11	-4.83
64	+2.11	-7.24
65	+2.11	-9.65
66	+2.11	-12.07
67	+4.22	+10.87
68	+4.22	+8.46

Cto. nº	x (mm)	y (mm)
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
82	+6.32	-2.41
83	+6.32	-4.83
84	+6.32	-7.24
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
98	+12.40	-1.55
99	+10.87	-3.61
100	+10.87	-6.02

Cto. nº	x (mm)	y (mm)
1	+1.35	+10.82
2	+3.71	+8.20
3	+5.89	+5.16
4	+7.77	+1.67
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

Cto. nº	x (mm)	y (mm)
28	-1.35	+10.82
29	0	+8.20
30	+2.49	+6.18
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	-8.84
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

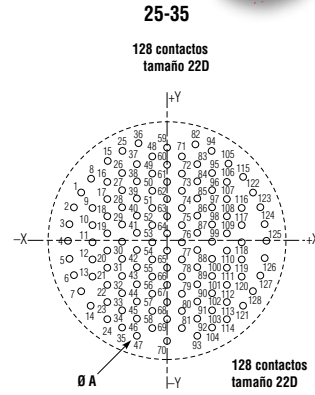
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79 contactos tamaño 22D

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100 contactos tamaño 22D

Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
1	-12.17	+7.09	23	-8.43	-8.43	45	-4.22	-8.43	67	0	-6.02	89	+4.22	-3.61			
2	-13.21	+4.83	24	-8.43	-10.85	46	-4.22	-10.85	68	0	-8.43	90	+4.22	-6.02			
3	-13.87	+2.41	25	-6.32	+12.60	47	-4.22	-13.26	69	0	-10.85	91	+4.22	-8.43			
4	-14.10	0	26	-6.32	+9.65	48	-2.11	+12.07	70	0	-14.10	92	+4.22	-10.85			
5	-13.87	-2.41	27	-6.32	+7.24	49	-2.11	+9.65	71	+2.11	+12.07	93	+4.22	-13.26			
6	-13.21	-4.83	28	-6.32	+4.83	50	-2.11	+7.24	72	+2.11	+9.65	94	+6.32	+12.60			
7	-12.17	-7.09	29	-6.32	+2.41	51	-2.11	+4.83	73	+2.11	+7.24	95	+6.32	+9.65			
8	-10.77	-9.07	30	-6.32	0	52	-2.11	+2.41	74	+2.11	+4.83	96	+6.32	+7.24			
9	-10.54	+4.83	31	-6.32	-2.41	53	-2.11	0	75	+2.11	+2.41	97	+6.32	+4.83			
10	-10.54	+2.41	32	-6.32	-4.83	54	-2.11	-2.41	76	+2.11	0	98	+6.32	+2.41			
11	-10.54	0	33	-6.32	-7.24	55	-2.11	-4.83	77	+2.11	-2.41	99	+6.32	0			
12	-10.54	-2.41	34	-6.32	-9.65	56	-2.11	-7.24	78	+2.11	-4.83	100	+6.32	-2.41			
13	-10.54	-4.83	35	-6.32	-12.07	57	-2.11	-9.65	79	+2.11	-7.24	101	+6.32	-4.83			
14	-10.77	-9.07	36	-4.06	+13.49	58	-2.11	-12.07	80	+2.11	-9.65	102	+6.32	-7.24			
15	-8.43	+11.28	37	-4.22	+10.85	59	0	+13.26	81	+2.11	-12.07	103	+6.32	-9.65			
16	-8.43	+8.43	38	-4.22	+8.43	60	0	+10.85	82	+4.06	+13.49	104	+6.32	-12.07			
17	-8.43	+6.02	39	-4.22	+6.02	61	0	+8.43	83	+4.22	+10.85	105	+8.43	+11.28			
18	-8.43	+3.61	40	-4.22	+3.61	62	0	+6.02	84	+4.22	+8.43	106	+8.43	+8.43			
19	-8.43	+1.19	41	-4.22	+1.19	63	0	+3.61	85	+4.22	+6.02	107	+8.43	+6.02			
20	-8.43	-1.19	42	-4.22	-1.19	64	0	+1.19	86	+4.22	+3.61	108	+8.43	+3.61			
21	-8.43	-3.61	43	-4.22	-3.61	65	0	-1.19	87	+4.22	+1.19	109	+8.43	+1.19			
22	-8.43	-6.02	44	-4.22	-6.02	66	0	-3.61	88	+4.22	-1.19	110	+8.43	-1.19			



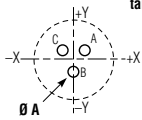
BASES CON CONTACTOS DE TAMAÑO 20

El marcaje del alojamiento de los contactos se muestra en la parte de conexión del inserto macho.

En el aéreo hembra son simétricos en relación al eje +Y/-Y. Para conocer los diámetros recomendados de los taladros (ØA), consulten la tabla de la pag. 22. Consultar SCP para obtener ficha técnica del plano de mecanizado de PCB.

Cto. nº	x (mm)	y (mm)
A	+1.65	+0.97
B	0	-1.91
C	-1.65	+0.97

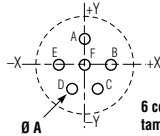
9-98



3 contactos tamaño 20

Cto. nº	x (mm)	y (mm)
A	0	+3.30
B	+3.30	0
C	+1.65	-2.87
D	-1.65	-2.87
E	-3.30	0
F	0	0

11-98

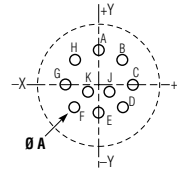


6 contactos tamaño 20

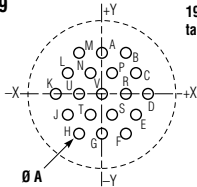
10 contactos tamaño 20

Cto. nº	x (mm)	y (mm)
A	0	+4.95
B	+3.18	+3.81
C	+4.90	+0.76
D	+4.17	-2.67
E	-4.17	-3.43
F	0	-4.17
G	-4.90	+0.76
H	-3.18	+3.81
J	+1.65	-0.38
K	-1.65	-0.38

13-98



15-19

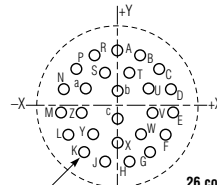


19 contactos tamaño 20

Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
A	0	+5.72	C	+4.95	+2.87
B	+3.30	+5.72	D	+6.60	0

Cto. nº	x (mm)	y (mm)
E	+4.95	-2.87
F	+3.30	-5.72
G	0	-5.72
H	-3.30	-5.72
J	-4.95	-2.87
K	-6.60	0
L	-4.95	+2.87
M	-3.30	+5.72
N	-1.65	+2.87
P	+1.65	+2.87
R	+3.30	0
S	+1.65	-2.87
T	-1.65	-2.87
U	-3.30	0
V	0	0

Cto. nº	x (mm)	y (mm)	Repère contact	x (mm)	y (mm)
A	0	+8.15	E	+8.10	-0.86
B	+3.33	+7.44	F	+7.06	-4.09
C	+6.07	+5.44	G	+4.80	-6.60
D	+7.75	+2.51	H	+1.70	-7.98

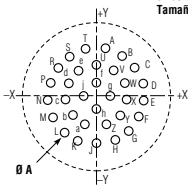


17-26

26 contactos tamaño 20

Cto. nº	x (mm)	y (mm)
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	+4.52	-0.91
W	+3.02	-3.84
X	0	-5.16
Y	-3.02	-3.84
Z	-4.52	-0.91
a	-4.45	+2.39
b	0	+1.65
c	0	-1.65

19-32

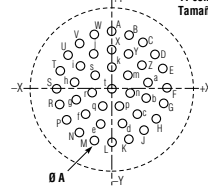


32 contactos Tamaño 20

Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
A	+1.68	+8.97	F	+8.15	-4.06
B	+4.80	+7.75	G	+6.15	-6.73
C	+7.26	+5.51	H	+3.30	-8.51
D	+8.76	+2.49	J	0	-9.12
E	+9.07	-0.84	K	-3.30	-8.51

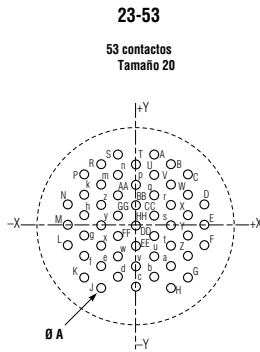
Cto. nº	x (mm)	y (mm)
L	-6.15	-6.73
M	-8.15	-4.06
N	-9.07	-0.84
P	-8.76	+2.49
R	-7.26	+5.51
S	-4.80	+7.75
T	-1.68	+8.97
U	0	+5.84
V	+3.15	+4.90
W	+5.31	+2.41
X	+5.79	-0.84
Y	+4.42	-3.84
Z	+1.65	-5.61
a	-1.65	-5.61
b	-4.42	-3.84
c	-5.79	-0.84
d	-5.31	+2.41
e	-3.15	+4.90
f	0	+2.44
g	+2.44	0
h	0	-2.44
i	-2.44	0

21-41

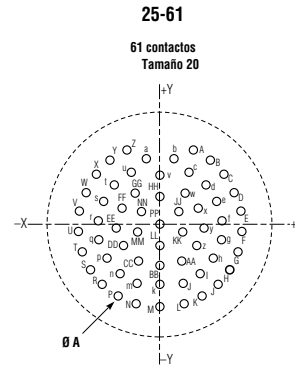


Cto. nº	x (mm)	y (mm)
T	-10.09	+3.28
U	-8.58	+6.23
V	-6.23	+8.58
W	-3.28	+10.09
X	0	+7.20
Y	+3.35	+6.38
Z	+5.92	+4.09
a	+7.15	+0.97
b	+6.73	-2.55
c	+4.78	-5.39
d	+1.73	-6.99
e	-1.73	-6.99
f	-4.78	-5.39
g	-6.73	-2.55
h	-7.15	+0.87
i	-5.92	+4.09
j	-3.35	+6.38
k	0	+3.81
l	+3.28	+10.09
m	+2.98	+2.38
n	+3.71	-0.85
p	-1.66	-3.43
q	+1.66	-3.43
r	-3.71	-0.85
s	-2.98	+2.38
t	0	0

Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
A	0	+10.60	J	+6.23	-8.58
B	+3.28	+10.09	K	+3.28	-10.09
C	+6.23	+8.58	L	0	-10.60
D	+8.58	+6.23	M	-3.28	-10.09
E	+10.09	+3.28	N	-6.23	-8.58
F	+10.60	0	P	-8.58	-6.23
G	+10.09	-3.28	R	-10.09	-3.28
H	+8.58	-6.23	S	-10.60	0



Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
A	+2.84	+11.56	V	+5.72	+6.60	r	+5.72	+3.30
B	+5.72	+9.91	W	+8.53	+4.95	s	+5.72	0
C	+8.53	+8.26	X	+8.53	+1.65	t	+5.72	-3.30
D	+11.43	+3.30	Y	+8.53	-1.65	u	+2.84	-4.95
E	+11.43	0	Z	+8.53	-4.95	v	0	-6.60
F	+11.43	-3.30	a	+5.72	-6.60	w	-2.84	-4.95
G	+8.53	-8.26	b	+2.84	-8.26	x	-5.72	-3.30
H	+5.72	-10.41	c	0	-9.91	y	-5.72	0
J	-5.72	-10.41	d	-2.84	-8.26	z	-5.72	+3.30
K	-8.53	-8.26	e	-5.72	-6.60	AA	-2.84	+4.95
L	-11.43	-3.30	f	+8.53	-4.95	BB	0	+3.30
M	-11.43	0	g	+8.53	-1.65	CC	+2.84	+1.65
N	-11.43	+3.30	h	+8.53	+1.65	DD	+2.84	-1.65
P	-8.53	+8.26	k	+8.53	+4.95	EE	0	-3.30
R	-5.72	+9.91	m	-5.72	+6.60	FF	-2.84	-1.65
S	-2.84	+11.56	n	-2.84	+8.26	GG	-2.84	+1.65
T	0	+9.91	p	0	+6.60	HH	0	0
U	+2.84	+8.26	q	+2.84	+4.95			



Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)	Cto. nº	x (mm)	y (mm)
A	+4.98	+12.70	Y	-7.98	+11.05	v	0	+8.59
B	+7.98	+11.05	Z	-4.98	+12.70	w	+3.73	+8.66
C	+10.49	+8.71	a	-1.73	+11.53	x	+6.02	+3.10
D	+12.32	-5.84	b	+1.73	+11.53	y	+6.78	-0.25
E	+13.39	+2.57	c	+4.39	+9.22	z	+5.79	-3.53
F	+13.61	-0.76	d	+7.24	+7.19	AA	+3.33	-5.92
G	+12.98	-4.17	e	+9.19	+4.45	BB	0	-6.78
H	+11.53	-7.29	f	+10.13	+1.17	CC	-3.33	-5.92
J	+9.35	-9.93	g	+9.96	-2.24	DD	-6.79	-3.53
K	+6.58	-11.94	h	+8.66	-5.41	EE	-6.78	-0.25
L	+3.40	-13.18	i	+6.38	-7.98	FF	-6.02	+3.10
M	0	-13.64	j	+3.38	-9.63	GG	-3.73	+5.66
N	-3.40	-13.18	k	0	-10.21	HH	0	+5.08
P	-6.58	-11.94	m	-3.38	-9.63	JJ	+2.67	+2.39
R	-9.35	-9.93	n	-6.38	-7.98	KK	+3.43	-1.04
S	-11.53	-7.29	p	-8.65	-5.41	LL	0	-3.35
T	-12.98	-4.17	q	-9.96	-2.24	MM	-3.43	-1.04
U	-13.61	-0.76	r	-10.13	+1.17	NN	-2.67	+2.39
V	-13.39	+2.57	s	-9.19	+4.45	PP	0	0
W	-12.32	+5.84	t	-7.24	+7.19			
X	-10.49	+8.71	u	-4.39	+9.22			

Por favor pónganse en contacto con nosotros para otras disposiciones del inserto.

Contactos	Ø A (mm) Diámetro mínimo del taladro.			
	Versión CI		Versión LI	
	Contactos dorados para circuito impreso	Contactos estañados para circuito impreso	Contactos dorados para circuito impreso	Contactos estañados para circuito impreso
Tamaño 22D	0.8	0.9	1.0	1.1
Tamaño 20	1.0	1.1	1.0	1.1

MEDIDAS PARA CONTACTOS CIRCUITO IMPRESO ESTÁNDAR

			Contactos CI (5 mm de longitud extremo)						Contactos LI (8.5 mm de longitud extremo)					
			SCP TV 07 - CTV 07		SCP TVP 00		SCP CTVP 00		SCP TV 07 - SCP CTV 07		SCP TVP 00		SCP CTVP 00	
			09 & 11	13 a 25	09 a 19	21 a 25	09 a 19	21 a 25	09 & 11	13 a 25	09 a 19	21 a 25	09 a 19	21 a 25
Macho	L1	min	10.13	9.95	11.55	12.31	12.71	13.47	10.13	9.95	11.55	12.31	12.71	13.47
		Max	11.07	10.89	12.39	13.15	13.52	14.28	11.07	10.89	12.39	13.15	13.52	14.28
	L2	min	15.03	14.85	16.45	17.21	17.61	18.37	18.53	18.35	19.95	20.71	21.11	21.87
		Max	16.17	15.99	17.49	18.25	18.62	19.38	19.67	19.49	20.99	21.75	22.12	22.88
Hembra	L1	min	9.93	9.75	11.35	12.11	12.51	13.27	9.93	9.75	11.35	12.11	12.51	13.27
		Max	10.87	10.69	12.19	12.95	13.32	14.08	10.87	10.69	12.19	12.95	13.32	14.08
	L2	min	14.83	14.65	16.25	17.01	17.41	18.17	18.33	18.15	19.75	20.51	20.91	21.67
		Max	15.97	15.79	17.29	18.05	18.42	19.18	19.47	19.29	20.79	21.55	21.92	22.68

