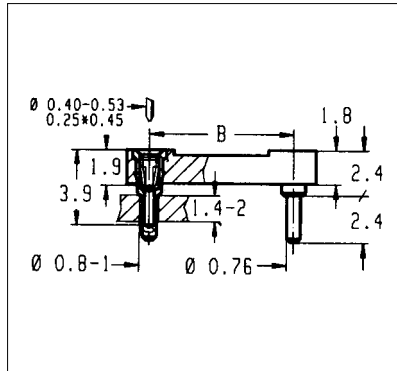
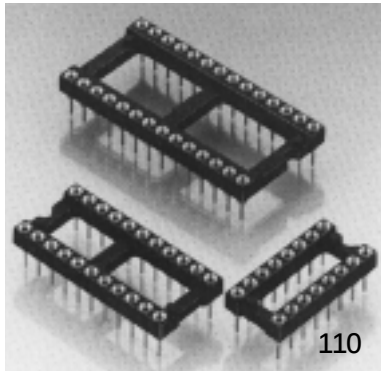


IC SOCKET/TOOL

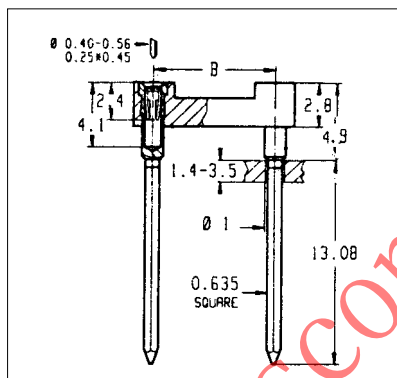
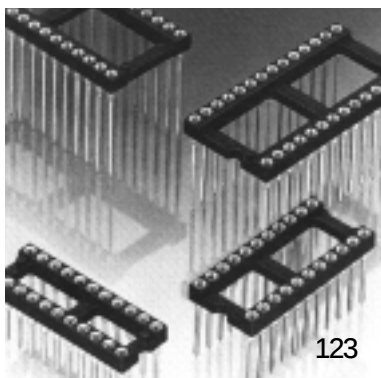
Preci-Dip Series 110/123 IC Socket

PRECIP-DIP
mecap



Solder Type DIL

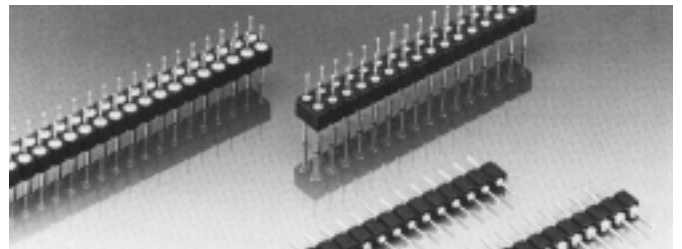
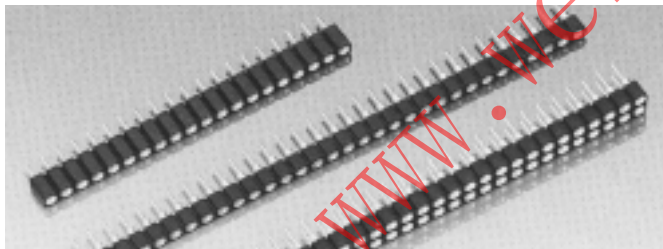
B	No. of Pin	5 μ m Sn	0.25 μ m Au
7.62	8	110-99-308-41-001	110-97-308-41-001
7.62	14	110-99-314-41-001	110-97-314-41-001
7.62	16	110-99-316-41-001	110-97-316-41-001
7.62	18	110-99-318-41-001	110-97-318-41-001
7.62	20	110-99-320-41-001	110-97-320-41-001
15.24	24	110-99-624-41-001	110-97-624-41-001
15.24	28	110-99-628-41-001	110-97-628-41-001
15.24	32	110-99-632-41-001	110-97-632-41-001
15.24	40	110-99-640-41-001	110-97-640-41-001
22.86	64	110-99-964-41-001	



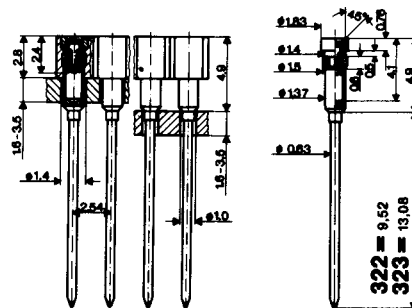
Wire-wrap Type DIL

B	No. of Pin	5 μ m Sn
7.62	8	123-99-308-41-001
7.62	14	123-99-314-41-001
7.62	16	123-99-316-41-001
7.62	18	123-99-318-41-001
7.62	20	123-99-320-41-001
15.24	24	123-99-624-41-001
15.24	28	123-99-628-41-001
15.24	40	123-99-640-41-001

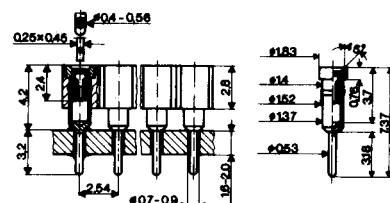
Series 310/322 Strips for IC



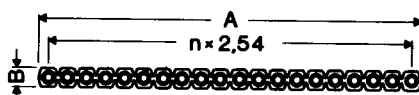
A	B	No. of Pin	5 μ m Sn
50.0	2.54	20	310-99-120
81.2	2.54	32	310-99-132
162.5	2.54	64	310-99-164
50.0	2.54	20	322-99-120
81.2	2.54	32	322-99-132
162.5	2.54	64	322-99-164



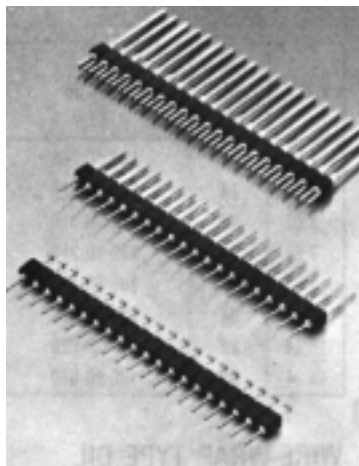
322/323



310



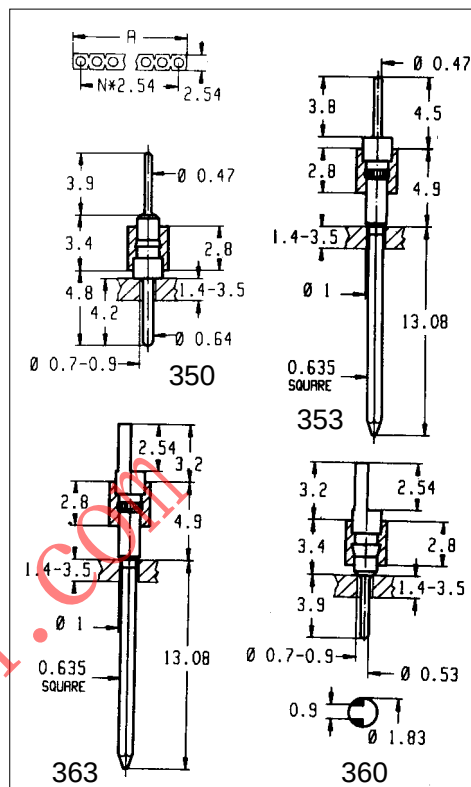
Series 350/353 360/363 Strips Connector

PRECIP
mecap

Series 35X/36X/37X/38X single row Header strips come with various contacts (pin, slotted head, turret, solder cup) with either soldering or wrapping terminations. Also available in an interconnect version (3 lengths)

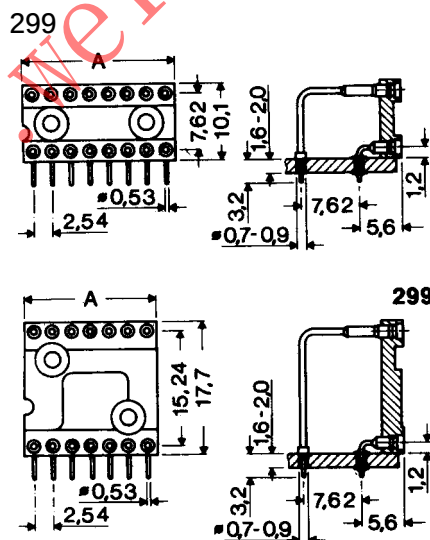
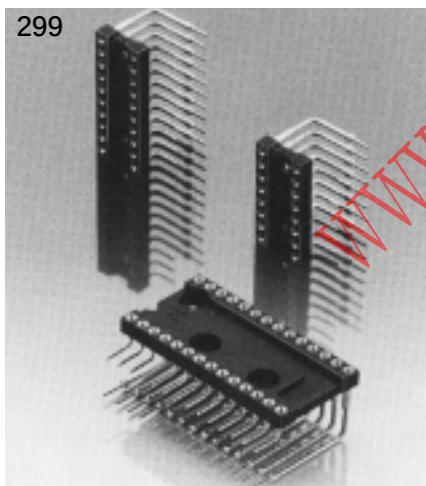
Pin diameter 0.47mm(pluggable into standard contacts) at both ends also available on request. Please specify as follows.

for L = 6.4mm 351-XX-XXX-XX-009
for L = 8.4mm 351-XX-XXX-XX-010
for L = 15.4mm 351-XX-XXX-XX-011
Series 350/353 360/363



Planting	0.2 μ m Au	0.5 μ m Sn	Pin	0.25 μ m Au	5 μ m Sn
A	No of pin	Ordering information		No of pin	Ordering Information
50.0	20	350-10-120-00-001	350-90-120-00-001	20	353-10-120-00-001
81.2	32	350-10-132-00-001	350-90-132-00-001	32	353-10-132-00-001
162.5	64	350-10-164-00-001	350-90-164-00-001	64	353-10-164-00-001
50.0	20	350-10-120-00-001	350-90-120-00-001	20	353-10-120-00-001
81.2	32	350-10-132-00-001	350-90-132-00-001	32	353-10-132-00-001

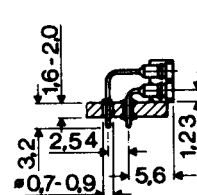
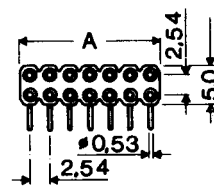
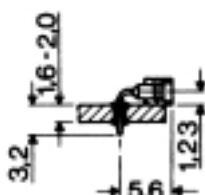
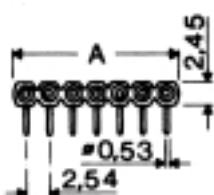
Series 299/399/499 LED-Socket

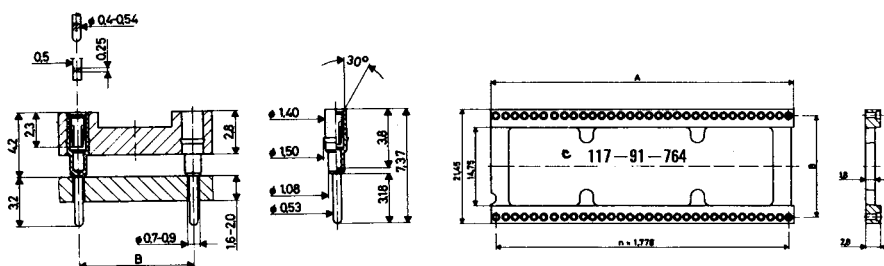


		5 μ m Sn
		0.75 μ m Au
A	No. of Pin	Part No.
12.6	10	299-93-610-1002
22.8	18	299-93-618-1002
50.0	20	399-93-120-1001
81.2	2 $\times$ 32	499-93-264-1001

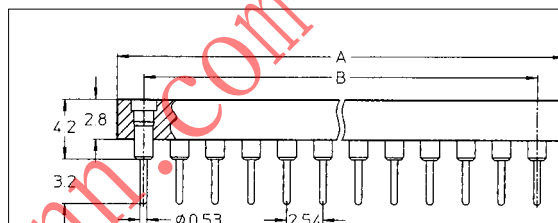
399

499





A(mm)	B(mm)	No. of pin	Part No.	PU*
57.50	19.05	64	117-91-764-41-005	9



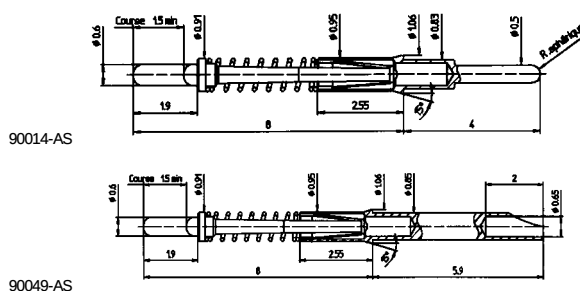
Part No.	Part No.	Part No.	Part No.
510 - 93 - 068 - 11 - 061	510 - 93 - 114 - 11 - 061	510 - 93 - 168 - 17 - 101	510 - 93 - 289 - 17 - 000
510 - 93 - 069 - 11 - 061	510 - 93 - 121 - 11 - 000	510 - 93 - 169 - 13 - 000	510 - 93 - 324 - 18 - 000
510 - 93 - 084 - 12 - 051	510 - 93 - 132 - 14 - 071	510 - 93 - 196 - 14 - 000	510 - 93 - 361 - 19 - 000
510 - 93 - 085 - 11 - 041	510 - 93 - 133 - 14 - 071	510 - 93 - 225 - 15 - 000	510 - 13 - 132 - 44 - 071
510 - 93 - 088 - 13 - 081	510 - 93 - 144 - 12 - 061	510 - 93 - 256 - 16 - 000	510 - 13 - 181 - 45 - 041

*The best solution for battery or battery loader c

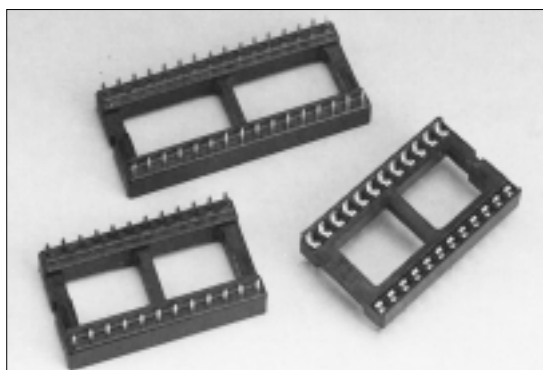
[illegible]

Initial height A [mm]	Stroke B [mm]	Part Number
3.50	1.00	90041-AS
4.25	1.40	90022-AS
4.5	1.40	90023-AS
5	1.40	90024-AS
5.5	1.40	90025-AS
6	1.40	90026-AS
6.5	1.40	90027-AS
7	1.40	90028-AS
7.5	1.40	90029-AS

*The best solution for miniature high cycle count connectors in mobile and portable applications



Taiwan Zetatronic Low Profile DIP IC Socket



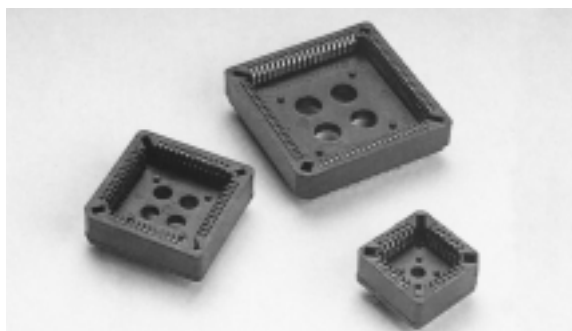
Features :

- Low-Profile type IC can be installed on PC Board
- Dual IN-Line
- 30% Glassfilled P.B.T. insulator material UL flame classm 94V-0.
- Sockets can be end-to-end stakable with 2.54mm on PCB pattern.
- Crimped tail contact capable of clipping on PC Board.

Part No.

ZT-8A
ZT-14A
ZT-16A
ZT-18A
ZT-20A
ZT-22A
ZT-24A
ZT-28A
ZT-32A
ZT-40A
ZT-64A

PLCC Socket



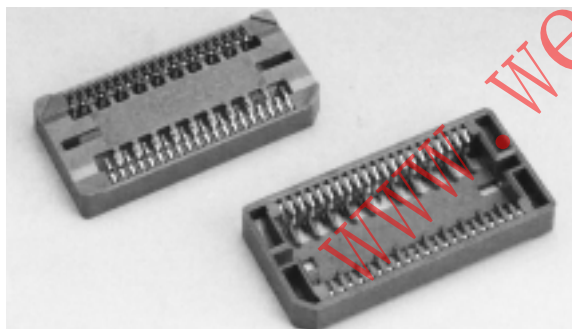
Features :

- Accepts JEDEC(plastic leaded chip carrier) PL
- Solderails on 2.54mm square grid.
- Low-Profile type
- ANTI-SHORT Type
- TIN-PLATED after stamping.

Part No.

ZT-PLCC-32T
ZT-PLCC-44T
ZT-PLCC-52T
ZT-PLCC-68T
ZT-PLCC-84T

SOJ Socket (300, 400 mil)



Features :

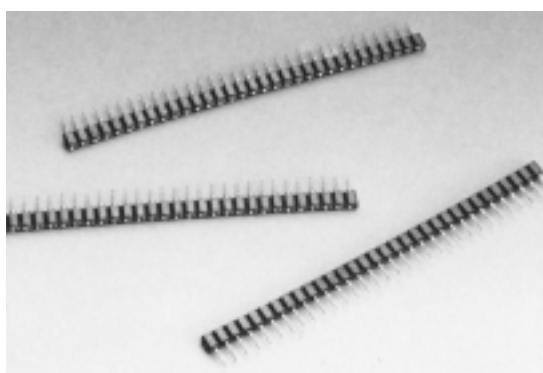
- Rating Current : 1.0A, AC/DC
- Contact Resistance : 20m Ω Max.
- Insulator Resistance : 10000M Ω Min.
- Dielectric Withstanding: 600V, AC(RMS), 60Hz.
one minute Hold
- Temperature Range: -55 $^{\circ}$ C ~ +125 $^{\circ}$ C

Part No.

mil

ZT-SOJ3-26	300
" -28	300/400
" -32	300/400
" -42	400

SIP Socket (2.54mm Pitch)

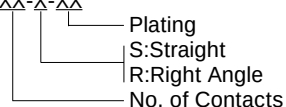


Features :

- Rating Current : 1A
- Contact Resistance : 10m Ω Max.
- Insulation Resistance: 5000M Ω Min.
- Dielectric Withstanding: 1000V (RMS) Min.
- Temperature Range: -55 $^{\circ}$ C ~ +125 $^{\circ}$ C

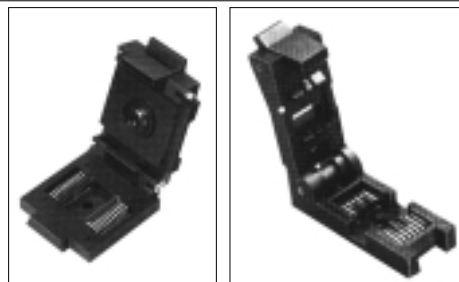
Part No.

ZT-SIP-S-XX-X-XX

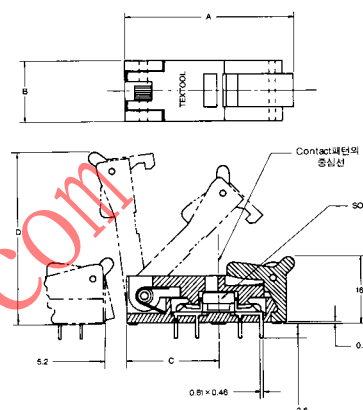


3M SOP Socket (1.27mm Pitch)

No of pin	Part No	Width of device
16	216-5611-00-1102 / -1105	3.81 / .150
16	216-6337-00-1102 / -1105	5.59 / .220
18	218-5486-00-1102 / -1105	7.62 / .300
20	220-6158-00-1102 / -1105	7.62 / .300
24	224-7400-00-1102 / -1105	7.62 / .300



No of pin	Part No	A	B	C	D	E
8	208-7391-00-1902 / -1905	36.8	11.9	20.0	38.0	3.81
14	214-7390-00-1902 / -1905	36.8	11.9	20.0	38.0	3.81
16	216-7383-00-1902 / -1905	36.8	11.9	20.0	38.0	3.81
16	216-7224-00-1902 / -1905	40.4	14.5	21.8	41.7	7.62
18	218-7223-00-1902 / -1905	40.4	14.5	21.8	41.7	7.62
20	220-7201-00-1902 / -1905	40.4	14.5	21.8	41.7	7.62
24	224-7397-00-1902 / -1905	42.9	20.3	23.3	44.2	7.62
28	228-7396-00-1902 / -1905	42.9	20.3	23.3	44.2	7.62
28	228-7474-00-1902 / -1905	42.9	20.3	23.3	44.2	8.38



PLCC Socket

No of pin	Part No	Series No	Device Dimensin
18	218-6218-51-1102	4481	7.11 × 10.67
20	220-5573-51-1102	4481	8.89 × 8.89
28	228-5523-51-1102	4481	11.43 × 11.43
32	232-6917-51-1102	4481	11.43 × 13.97
44	244-5292-00-1102	4961	16.51 × 16.51
52	252-5904-00-1102	4961	19.05 × 19.05
68	268-5743-00-1102	4963	24.13 × 24.13
84	284-5756-00-1102	4963	29.21 × 29.21
100	2100-5940-50-1102	4963	34.29 × 34.29



Chip Carrier Socket

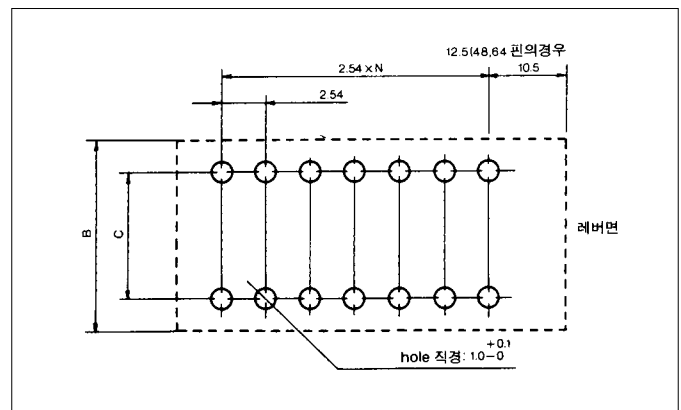
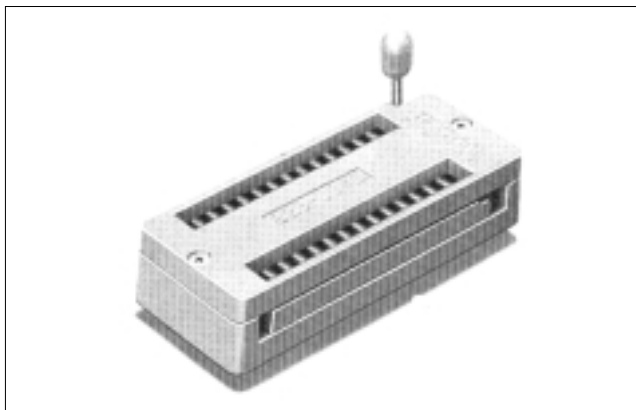




No of pin	Part No	Series No	Chip Carriers recommended			JEDEC Standard
			Dimension	Thickness(max)	패드간격	
18	218-3655-00-1102-1105	4957	6.35 × 6.35	1.27 ~ 2.54	1.27	
			.250 × .250	.050 ~ .100	.050	
18	218-4481-00-1102-1105	4957	7.24 × 8.89	1.27 ~ 2.54	1.27	
			.285 × .350	.050 ~ .100	.050	
20	220-4959-00-1102-1105	4957	8.89 × 8.89	1.27 ~ 2.54	1.27	●
			.350 × .350	.050 ~ .100	.050	
24	224-3650-00-1102-1105	4957	8.51 × 8.51	1.27 ~ 2.54	1.27	
			.335 × .335	.050 ~ .100	.050	
24	224-3656-00-1102-1105	4957	10.16 × 10.16	1.27 ~ 2.54	1.27	
			.400 × .400	.050 ~ .100	.050	
28	228-3657-00-1102-1105	4957	10.16 × 10.16	1.27 ~ 2.54	1.27	
			.400 × .400	.050 ~ .100	.050	
28	228-4960-00-1102-1105	4957	11.43 × 11.43	1.27 ~ 2.54	1.27	●
			.450 × .450	.050 ~ .100	.050	
32	232-5427-00-1102-1105	4957	11.43 × 11.43	1.27 ~ 2.54	1.27	
			.450 × .450	.050 ~ .100	.050	
40	240-5084-00-1102-1105	4957	12.19 × 12.19	1.27 ~ 2.54	1.27	●
			.480 × .480	.050 ~ .100	.050	
44	244-4961-00-1102-1105	4961	16.51 × 16.51	1.27 ~ 2.54	1.27	●
			.650 × .650	.050 ~ .100	.050	
48	248-4790-00-1102-1105	4961	19.05 × 19.05	1.27 ~ 2.54	1.27	
			.750 × .750	.050 ~ .100	.050	
48	248-5085-00-1102-1105	4961	14.22 × 14.22	1.27 ~ 2.54	1.27	●
			.560 × .560	.050 ~ .100	.050	
64	264-5086-00-1102-1105	4961	18.29 × 18.29	1.27 ~ 2.54	1.27	●
			.720 × .720	.050 ~ .100	.050	
68	268-4963-00-1102-1105	4963	24.13 × 24.13	1.27 ~ 2.54	1.27	●
			.950 × .950	.050 ~ .100	.050	
84	284-4964-00-1102-1105	4963	29.21 × 29.21	1.27 ~ 2.54	1.27	●
			1.150 × 1.150	.050 ~ .100	.050	

(주) ● 치수는 상단이 mm, 하단이 인치임.

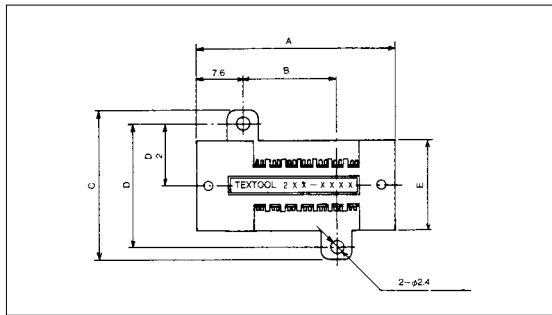
ZIPDIP II Socket



ZIPDIP II Socket (cont.)

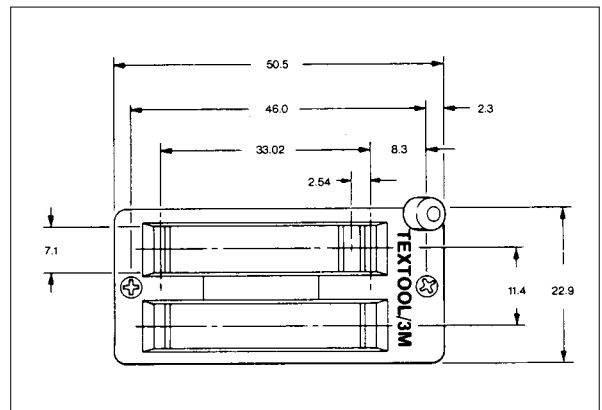
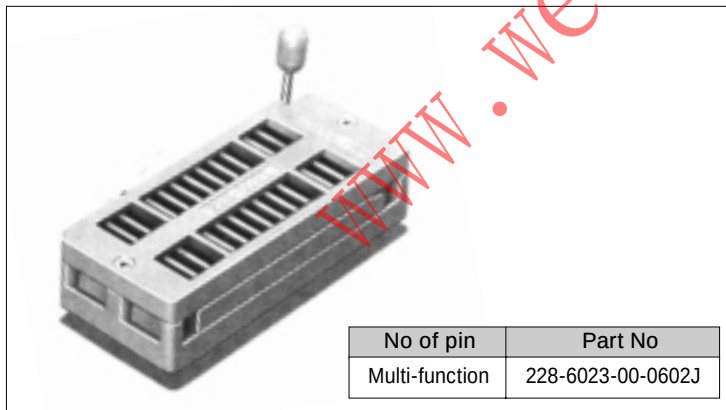
No of Pin	Part No	A	B	C	N
14	214-3339-00-0602 / -0605	33.0	15.3	7.62 (300mil)	6
16	216-3340-00-0602 / -0605	35.3	15.3	7.62	7
18	218-3341-00-0602 / -0605	37.8	15.2	7.62	8
20	220-3342-00-0602 / -0605	40.4	15.3	7.62	9
22	222-3343-00-0602 / -0605	42.9	17.9	10.16 (400mil)	10
24	224-3344-00-0602 / -0605	45.5	23.0	15.24 (600mil)	11
24 좁은형	224-5248-00-0602 / -0605	45.5	15.3	7.62	11
28	228-3345-00-0602 / -0605	50.5	23.0	15.24	13
28 좁은형	228-4817-00-0602 / -0605	50.5	17.7	10.16	13
40	240-3346-00-0602 / -0605	66.0	22.8	15.24	19
42	242-4262-00-0602 / -0605	68.1	22.8	15.24	20
48	248-4775-00-0602 / -0605	80.0	22.9	15.24	23
64	264-4493-00-0602 / -0605	100.3	33.0	22.86 (900mil)	31

ZIPDIP II Receptacle

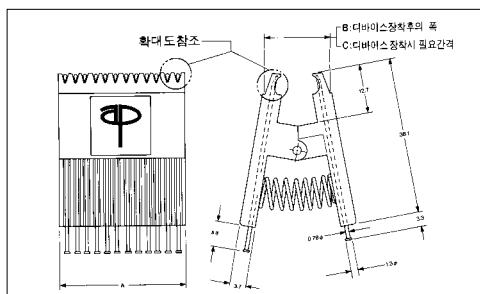


Part No.	LDS	A	B	C	D	E	F	N
214-3592	14	32.6	15.2	25.4	20.8	15.2	7.62	6
216-3593	16	34.9	17.8	24.4	19.6	14.2	7.62	7
218-3594	18	37.7	20.4	24.1	19.6	14.0	7.62	8
220-3595	20	40.2	22.9	25.4	20.6	15.2	7.62	9
222-3596	22	42.8	25.5	26.9	22.2	16.5	10.16	10
224-3597	24	45.0	27.0	32.1	27.4	21.8	15.24	11
228-3598	28	50.4	33.0	32.0	27.8	21.8	15.24	13
240-3599	40	65.6	48.3	32.3	27.6	22.0	15.24	19
264-5119	64	100.3	82.4	43.2	38.6	33.0	22.86	31

Multi function(300~600mil) ZIPDIP II Socket



Test Clip

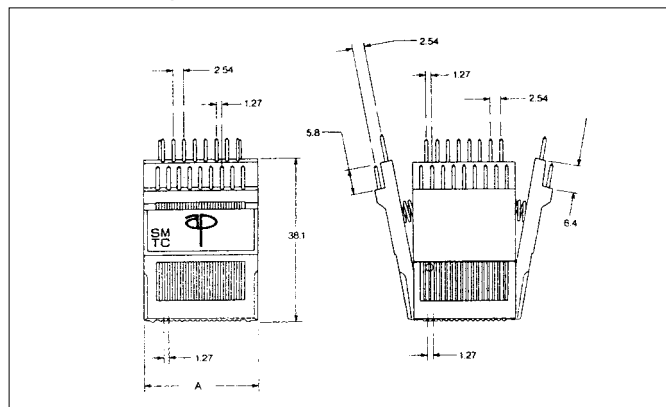


DIP Test Clip

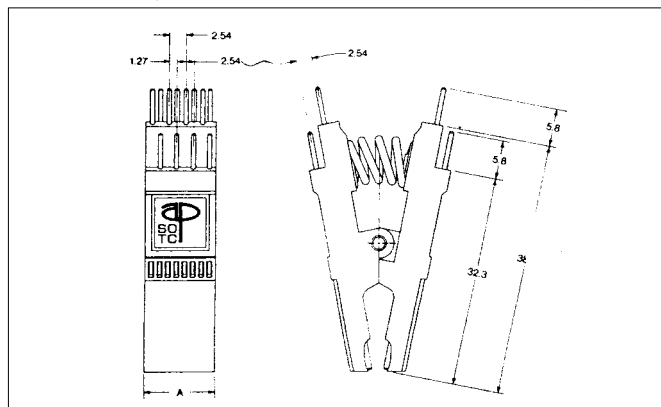
No of Pin	Row to Row Dim.	Dimensions			Standard Model Part Number (w/Nail-Heads)
		A	B	C	Alloy
8	.3"	.650	.48	.51	923695
14	.3"	.732	.48	.51	923698-R
16	.3"	.832	.48	.51	923700-R
20	.3"	1.032	.48	.51	923704-R
24	.5/.6"	1.232	.76	.81	923714-R
28	.5/.6"	1.432	.76	.81	923718-R
40	.5/.6"	2.032	.76	.81	923722-R



PLCC Test Clip



SOP Test Clip



PLCC Test Clip

No of pins	Supporting Device	Part No	Contact & Plating	A
20	JEDEC PLCC	923670-20 / 923675-20	Copper Alloy / Gold Plating	12.4
28		923670-28 / 923675-28	Copper Alloy / Gold Plating	15.0
44		923670-44 / 923675-44	Copper Alloy / Gold Plating	20.1
68		923670-68 / 923675-68	Copper Alloy / Gold Plating	27.7

SOP Test Clip

No of pin	Supporting Device	Part No	Contact & Plating	A
8	Lead Pitch : 1.27 Width : 3.81	923650-08 / 923655-08	Copper Alloy / Gold Plating	11.2
14		923650-14 / 923655-14	Copper Alloy / Gold Plating	9.9
16		923650-16 / 923655-16	Copper Alloy / Gold Plating	11.2
16wide	Lead Pitch : 1.27 Width : 7.62	923650-16 / 923655-16	Copper Alloy / Gold Plating	11.2
18		923650-18 / 923655-18	Copper Alloy / Gold Plating	12.5
20		923650-20 / 923655-20	Copper Alloy / Gold Plating	13.7
24		923650-24 / 923655-24	Copper Alloy / Gold Plating	16.3
28		923650-28 / 923655-28	Copper Alloy / Gold Plating	18.8

Preci-Dip PGA Insertion & Extraction Tool



Insertion tool for PGA devices
from 13 × 13 to 24 × 24.

Easy to use, safe and accurate

This tool does not require any prior adjustment and the device can be easily inserted into the socket without damage, all materials used are electrically conductive.

Two pressing dies are supplied with the tool.

Type 1 suitable for PGAs 13 × 13 to 24 × 24

Type 2 suitable for PGAs 17 × 17 to 24 × 24

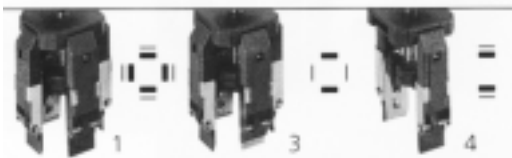
Operation of tool

Place PGA device correctly aligned on socket. By turning the knob towards the "closed" marker, the claws will grip under the socket and the pressing die will gently insert the device into the socket.

To remove tool turn the knob towards the "open" mark, the claws expand and the tool can be removed from the socket.

Order No. 8980200

PGA Insertion & Extraction Tool(cont.)



Extraction tool for PGA devices
from 10 ×10 to 24 ×24.

Easy to use, safe and accurate

This tool does not require prior adjustment and the PGA device can be extracted easily from its socket without damage. The fine adjustment to the size of the device and the extraction are done in one simple operation. In order to avoid electrostatic damage all material used are electrically conductive.

During the extraction process, the jaws of the tool grip the device firmly. There is no danger of slipping off and damaging the component.

Minimum space requirements between two adjacent components is 2 to 4mm(.78" to 1.57").

Operation of tool

By turning the knob towards the "closed" marker, the claws grip under the device and extract it from the socket without damage.

To remove the device from tool, the claws are expanded by turning the knob towards the "open" mark; the device can now be removed.

Order No. 8980101 tool 1: 4jaws, 4rests
8980103 tool 3: 2jaws, 2rests
8980104 tool 4: 2jaws, 2rests

Universal Extractor Tool for PLCC



Preci-Dip's Universal Extractor Tool allows easy extraction of the I.C. from its socket.

This handy tool is lightweight and low cost.

All parts are electrically conductive in order to avoid damage due to electrostatic discharges.

Suitable for all sizes of PLCC sockets.

Thickness of extracting hooks : 1mm

ORDER NO : 9946

CONNECTOR

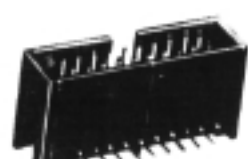
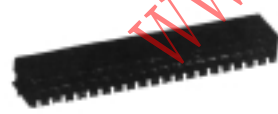
Hirose Connector

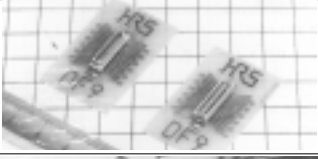
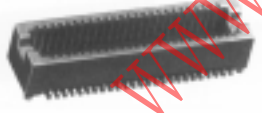


Series	Picture	Function	No. of Pin	Remarks
PCC1		4 mm single	10,14,18,22	Eyelet Type
PCC7		4.00 × 4.4mm 3.96 × 4.4mm	20,28,36,44,56,72	Eyelet and Dip Soldering Type

Series	Picture	Function	No. of Pin	Remarks
PCC11		2.54 ×5.08mm	56,60,68,72,80,88,100	Dip Soldering and Wrapping Type
PCC12		3.175 ×6.35	60,80,100	Dip Soldering and Wrapping Type
PCC21		3.96 ×5.08mm	36,44,56,60	Wrapping Type
PCC22		2.54 ×5.08mm	20,30,34,36,44,50,60,62,	Dip Soldering Type
PCN10-12		DIN 41612/ IEC603-2	10,16,20,32,44,48,50,60,64,90,100,96(3-Row)	Dip Soldering Type
HIF2B-IC Type		Dip plug	14,16,24,40	Gold or Tin plating Dual-In-Line
HIF2B-Dip Type			10,16,20,26,30,34,40,50,60,64	
HIF3BA		Socket	10,14,16,20,26,30,34,40,50,60,64	MIL-C-83503 Gold or Tin plating Dual-In-Line
		Straight or Right Angle Pin Header for Dip Soldering		

Connector(cont.)

Series	Picture	Function	No. of Pin	Remarks
HIF3BA		Straight or Right Angle Pin Header for Dip Soldering	10,14,16,20,26,30, 34,40,50,60,64	MIL-C-83503 Gold or Tin plating Dual-In-Line
HIF3E		Straight Pin Header for Dip Soldering	10,14,16,20,26,30, 34,40,50,60,64	Unprotected Header
HIF3F		Straight or Right Angle Pin Header for Dip Soldering		Box Header Without Ejector
HIF3FB(C)		Straight or Right Angle Pin Header for Dip Soldering	10,14,16,20,26,30, 34,40,50,60,64	Box Header Without Ejector Perfect Flux Protection
HIF3H		Single Line Straight Dip Socket	6,12,14,20,25	Direct Connection of PCB to PCB
		Dual Line Straight Dip Socket	6,12,14,16,20,26, 30,34,40,50,60	
		Dual Line Straight Dip Socket		
		Straight Pin Header		
A1		Straight Pin Header	2-128	Gold or Tin Plating Dual-in-Line
		Right Angle Pin Header		

Series	Picture	Function	No. of Pin	Remarks
A2			1-50	Gold or Tin Plating Single Line
A3		Straight or Right Angle	4-64	2.00mm pitch Single Line
1300		Male and Female Type	8, 12, 16, 20, 24, 28, 34, 45 60	Solder Cup Type
				Eyelet Type
MDF7		Bottom Entry PCB to PCB Socket	3-25	Dip Soldering Type
DF9		SMT 1mm Center Line Board to Board Connector	9-25	SMT
DF11		2mm Grid Double Row Crimp Type	8-32	Dip Soldering Type
DF12		Board-to-Board Type	20-50	0.5mm Pitch SMT Type
DF13		Double Row Miniature Crimp Type	10, 20, 30, 40	1.25mm Pitch SMT Type
DF14		Right Angle Pin Headers	2-30	1.25mm Pitch SMT Type
DF15		Board-to-Board Stacking Connectors	20, 30, 40, 50	0.65mm Pitch SMT Type
MQ		Master Connectors for table telephone application	16	SMT

Taiwan Zetatronic DS902 Series D-Sub Connector, Solder Tail, Male



Dim No. of Contact	A	B	C	D	E
9	16.92	24.99	30.81	19.28	5.97
15	25.25	33.32	39.14	27.51	5.97
19	30.75	38.94	44.94	32.86	5.84
23	35.92	44.28	50.56	38.38	5.84
25	38.96	47.04	53.04	41.30	5.84
37	55.42	63.50	69.32	57.71	5.84
50	52.81	61.12	66.93	55.32	5.84

ORDER INFORMATION

ZT-DS-902M-XXS-XX

Plating
No. of Contacts
(See Tabel)

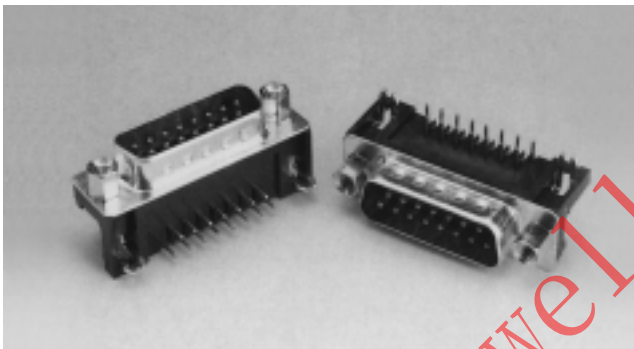
MATERIAL

- Insulator : PBT
- Contact : Phosphor Bronze
- Shell : Steel (Tin Plating)
- Plating : 02 : Gold Flash

SPECIFICATION

- Rating Current : 5A
- Dielectric Withstanding : 1000V at one minute
- Contact Resistance : 30m Ω Max. at DC 100mA
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~ +105 $^{\circ}$ C

DS903S Series D-Sub Connector, Short Mount Right Angle PTH, Male



Dim No. of Contact	A	B	c
9	16.92	24.99	30.81
15	25.25	33.32	39.14
25	38.96	47.04	53.04
37	55.42	63.50	69.32

ORDER INFORMATION

ZT-DS-903SM-XXS-XX

Plating
No. of Contacts
(See Tabel)

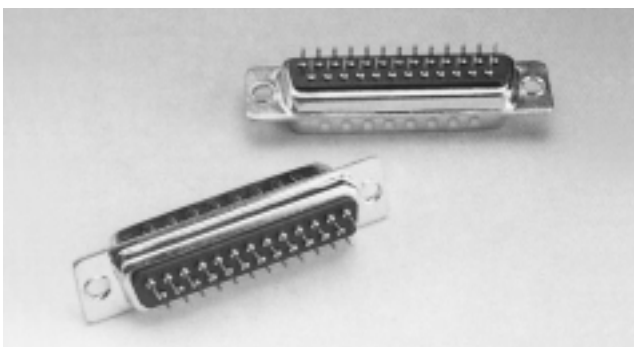
MATERIAL

- Insulator : PBT
- Contact : Phosphor Bronze or Brass
- Shell : Steel (Tin Plating)
- Plating : 02 : Gold Flash

SPECIFICATION

- Rating Current : 5A
- Dielectric Withstanding : 1000V at one minute
- Contact Resistance : 30m Ω Max. at DC 100mA
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~ +105 $^{\circ}$ C

DS909 Series D-Sub Connector, Straight PTH, Male



Dim No. of Contact	A	B	C	D	E
9	16.92	24.99	30.81	4.60	19.28
15	25.25	33.32	39.14	4.60	27.51
19	30.75	38.94	44.94	4.60	32.86
23	35.92	44.35	50.56	4.60	38.38
25	38.96	47.04	53.04	4.60	41.30
37	55.42	63.50	69.32	4.60	57.71
50	52.81	61.12	66.93	4.60	55.32

ORDER INFORMATION

ZT-DS-909M-XXS-XX

Plating
No. of Contacts
(See Tabel)

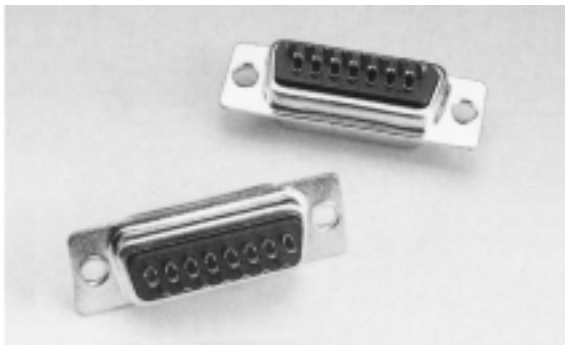
MATERIAL

- Insulator : PBT
- Contact : Phosphor Bronze
- Shell : Steel (Tin Plating)
- Plating : 02 : Gold Flash

SPECIFICATION

- Rating Current : 5A
- Dielectric Withstanding : 1000V at one minute
- Contact Resistance : 30m Ω Max. at DC 100mA
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~ +105 $^{\circ}$ C

DS902 Series D-Sub Connector, Solder Tail, Female



Dim No. of Contact	A	B	C	D
9	16.33	24.99	30.81	19.28
15	24.66	33.32	39.14	27.51
19	30.07	38.94	44.94	32.86
23	35.41	44.27	50.27	38.51
25	38.38	47.04	53.04	41.30
37	54.84	63.50	69.32	57.71
50	52.43	61.12	66.93	55.32

ORDER INFORMATION

ZT-DS-902F-XXS-XX

Plating
No. of Contacts
(See Tabel)

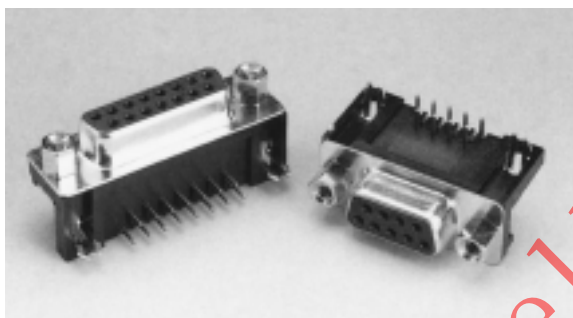
MATERIAL

- Insulator : PBT
- Contact : Phosphor Bronze
- Shell : Steel (Tin Plating)
- Plating : 02 : Gold Flash

SPECIFICATION

- Rating Current : 5A
- Dielectric Withstanding : 1000V at one minute
- Contact Resistance : 30m Ω Max. at DC 100mA
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~+105 $^{\circ}$ C

DS903S Series D-Sub Connector, Short Mount Right Angle PTH, Female



Dim No. of Contact	A	B	c
9	16.92	24.99	30.81
15	25.25	33.32	39.14
25	38.40	47.04	53.04
37	54.84	63.50	69.32

ORDER INFORMATION

ZT-DS-903SF-XXR-XX

Plating
No. of Contacts
(See Tabel)

MATERIAL

- Insulator : PBT
- Contact : Phosphor Bronze or Brass
- Shell : Steel (Tin Plating)
- Plating : 02 : Gold Flash

SPECIFICATION

- Rating Current : 5A
- Dielectric Withstanding : 1000V at one minute
- Contact Resistance : 30m Ω Max. at DC 100mA
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~+105 $^{\circ}$ C

57FB Series Connector, Metal Hood IDC, Female



Dim No. of Contact	A	B	C	D	E
24	54.70	46.78	23.76	35.50	37.50
36	67.80	59.74	36.72	53.30	54.40
50	83.10	74.85	51.84	68.50	70.90

ORDER INFORMATION

ZT-57FB-XXF- G

Plating
No. of Contacts
(See Tabel)

MATERIAL

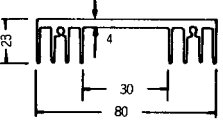
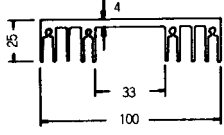
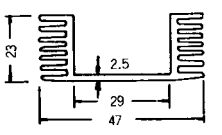
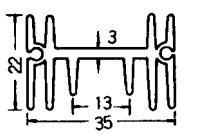
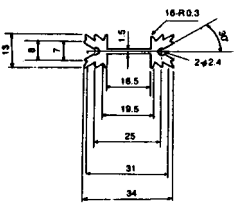
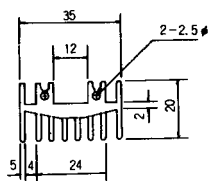
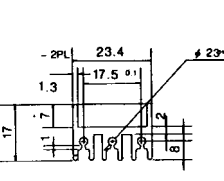
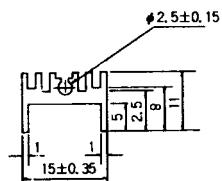
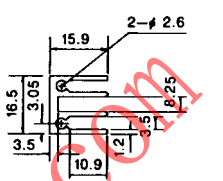
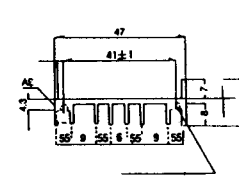
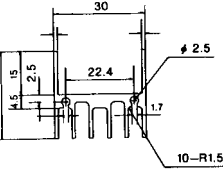
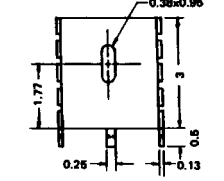
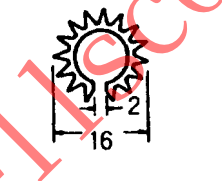
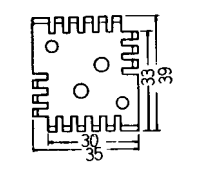
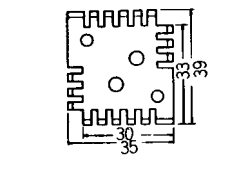
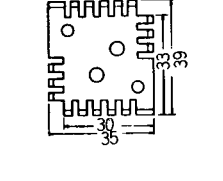
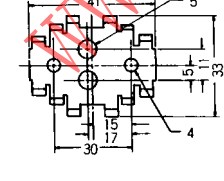
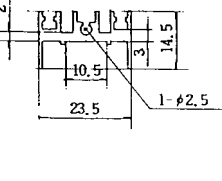
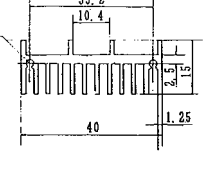
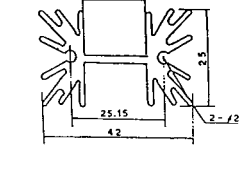
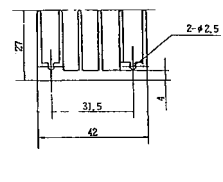
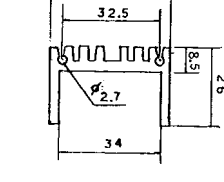
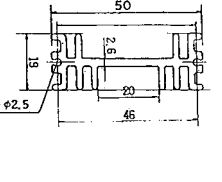
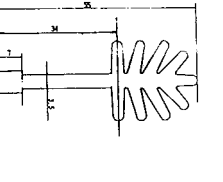
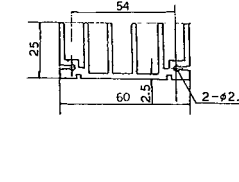
- Insulator : PBT
- Contact : Phosphor Bronze
- Shell : Metal Shell, Steel Nickel Plating
- Plating : Gold Plating Over Nickel

SPECIFICATION

- Rating Current : 1A
- Dielectric Withstanding : 500V for one minute
- Contact Resistance : 20m Ω Max.
- Insulator Resistance : 1000M Ω Min. at 500V DC
- Temperature Range : -55 $^{\circ}$ C ~+105 $^{\circ}$ C

HEAT SINK

Segyung Heat Sink

length : 50,100,200mm 	length : 50,100,200mm 	length : 45,100mm 	length : 45mm 	length : 50mm 
HS8023 (SY244)	HS0025 (SY367)	HS4723 (SY348)	HS3522 (SY68)	HS3413 (SY268)
length : 25mm 	length : 25,45mm 	length : 25mm 	length : 25mm 	length : 39mm 
HS3520 (SY468)	HS2317 (SY403)	HS1511 (SY200)	HS1615 (SY240)	HS4717 (SY222)
length : 30mm 	length : 20,30mm 	length : 8mm 	length : 25mm 	length : 19mm 
HS3030(SY400)	HS0303(TO-220)	HS1602(TO-5)	HS3539A(TO-3A)	HS3539B(TO-3B)
length : 13mm 	length : 25mm 	length : 50,100mm 	length : 50,100mm 	length : 50,100mm 
HS3539C (TO-3C)	HS4133 (TO-3N)	HS2314 (SY23-14B)	HS4015 (SY40-15)	HS4225 (SY42-25)
length : 50,100mm 	length : 50,100mm 	length : 50,100mm 	length : 50,100mm 	length : 50,100mm 
HS4227 (SY42-27)	HS4026 (SY40-26)	HS5019 (SY50-19)	HS5506 (SY55-6)	HS6025 (SY60-25)

*Surface treatment : All models are black anodized.

PCB / SUPPORTER / RACK / COOL SHEET

Wisher Bread Board (Solderless)



WBU-204



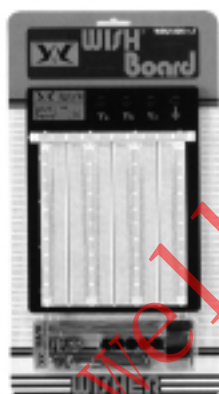
WBU-206



WBU-208



WBU-204+J



WBU-206+J



WBU-208+J



WBU-DJ



WBU-TJ

Wire / Jumper Set (WJW-60B, WJW-70B)



● Features of WBU-2xx Series

1. Exquisite color coordinates for easy recognition.
2. Comfortable color to help operator for longer time and to avoid eye fatigue.
3. Body use high class POM plastic steel material to avoid static interference and insertion hole can stand continuous wear and tear to avoid easy deforming.
4. Allow more application of Dip IC pins insertion.

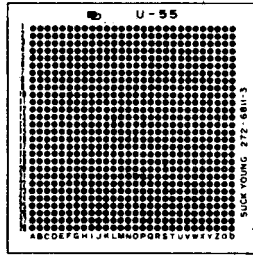
Segyung Universal PCB

Scale : 1/40

PART NO : SYP-0808

SIZE : 86 × 86mm

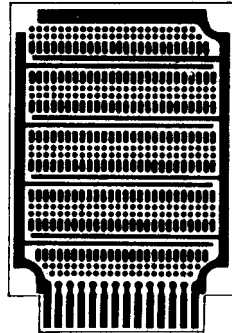
Material : phenol



PART NO : SYP-1108

SIZE : 114 × 179mm

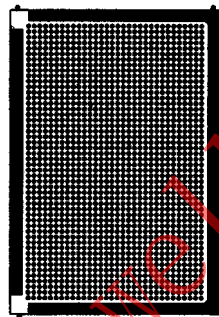
Material : phenol



PART NO : SYP-1310

SIZE : 138 × 95mm

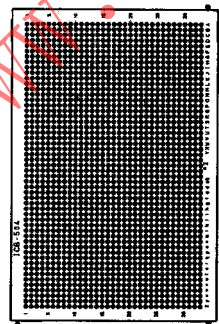
Material : phenol



PART NO : SYP-1410

SIZE : 145 × 95mm

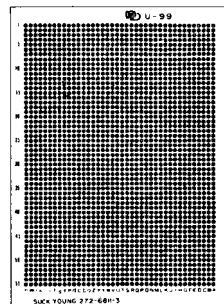
Material : phenol



PART NO : SYP-1610

SIZE : 160 × 105mm

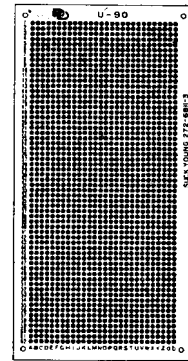
Material : phenol



PART NO : SYP-1708

SIZE : 172 × 86mm

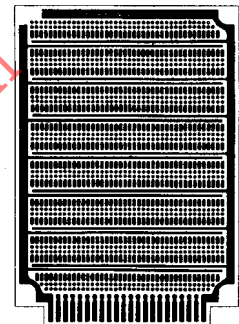
Material : phenol



PART NO : SYP-1712

SIZE : 176 × 120mm

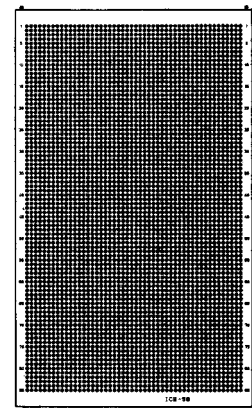
Material : phenol



PART NO : SYP-2313

SIZE : 232 × 137mm

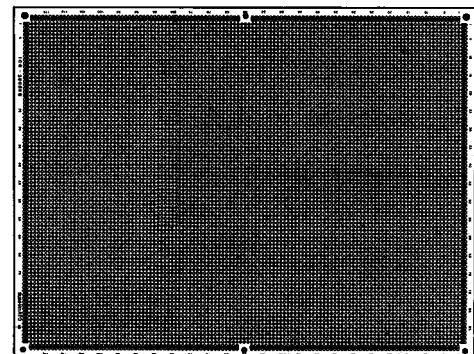
Material : phenol



PART NO : SYE-3224

SIZE : 320 × 245mm

Material : Epoxy

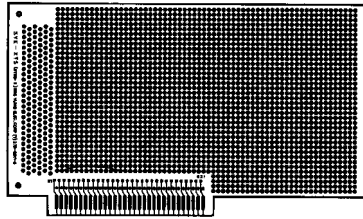


Scale : 1/40

PART NO : SYE-XTS

SIZE : 180 × 170mm

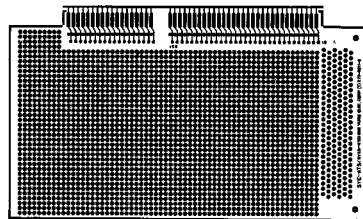
Material : Epoxy



PART NO : SYE-ATS

SIZE : 180 × 107mm

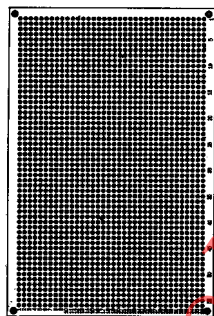
Material : Epoxy



PART NO : SYE-1510

SIZE : 150 × 100mm

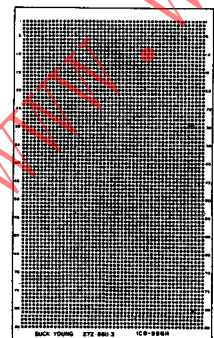
Material : Epoxy



PART NO : SYE-2313

SIZE : 232 × 136mm

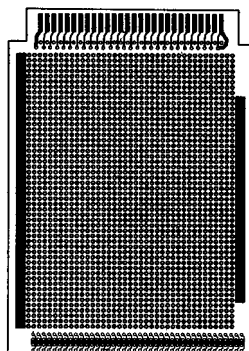
Material : Epoxy



PART NO : SYE-1611

SIZE : 163 × 114mm

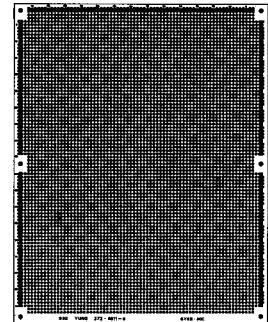
Material : Epoxy



PART NO : SYE-2420

SIZE : 246 × 195mm

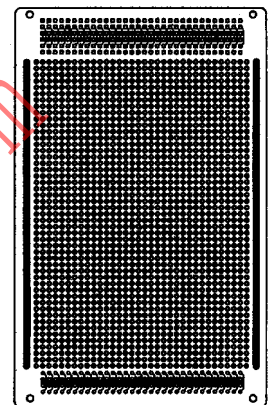
Material : Epoxy



PART NO : SYE-1610

SIZE : 160 × 100mm

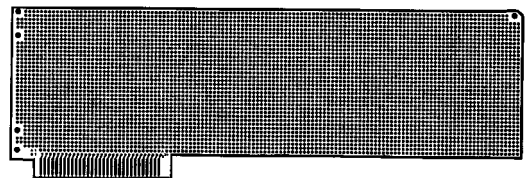
Material : Epoxy



PART NO : SYE-XTL

SIZE : 108 × 334mm

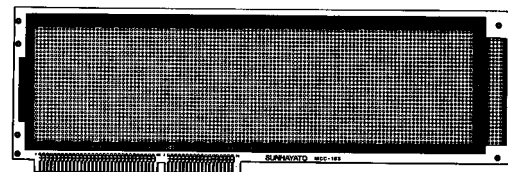
Material : Epoxy



PART NO : SYE-ATL

SIZE : 99 × 333mm

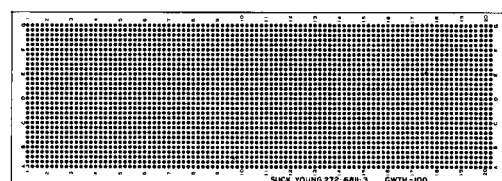
Material : Epoxy



PART NO : SYE-2510

SIZE : 94 × 250mm

Material : Epoxy

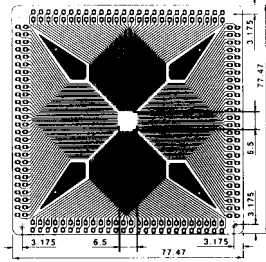


Sunhayato QFP IC Adapter PCB

QFP-51

0.5mm 피치용
MAX.208PIN

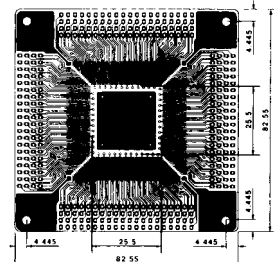
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9 \times 4$
마운트홀: $\phi 0.9 \times 4$
앞 면: 48~208PIN까지의 플랫 IC를
변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(22x22, 48EA)



QFP-52

0.5mm 피치용
MAX.320PIN

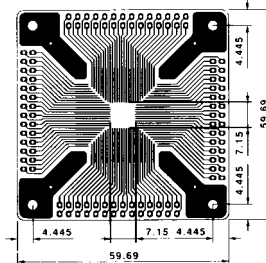
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 208~320PIN까지의 플랫
IC를 변환.



QFP-61

0.65mm 피치용
MAX.112PIN

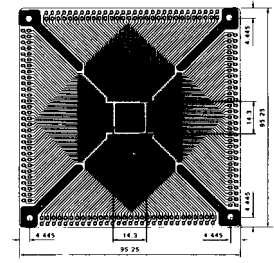
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 40~112PIN까지의 플랫 IC를
변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(15x15, 225EA)



QFP-62

0.65mm 피치용
MAX.240PIN

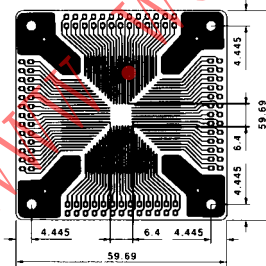
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 80~240PIN까지의 플랫
IC를 변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(27x27, 729EA)



QFP-81

0.8mm 피치용
MAX.104PIN

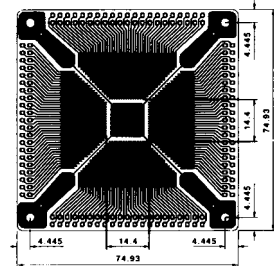
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 24~104PIN까지의 플랫 IC를
변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(15x15, 225EA)



QFP-82

0.8mm 피치용
MAX.168PIN

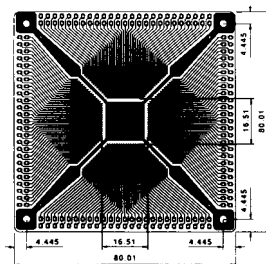
재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 64~168PIN까지의 플랫
IC를 변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(21x21, 441EA)



QFP-63

0.635mm 피치용
MAX.196PIN

재질두께: 양면 에폭시 (FR-4), 1.0t
처리상태: 스루홀, 양면 금도금, 솔더
레지스트
단 자: 2.54mm 피치, 홀경: $\phi 0.9$
마운트홀: $\phi 3.2 \times 4$
앞 면: 84~196PIN까지의 플랫 IC를
변환.
뒷 면: 2.54mm 피치, 표면실장용 랜드
(21x21, 441EA)

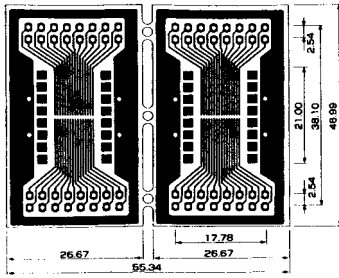


QFP IC 변환용 기판의 사용방법

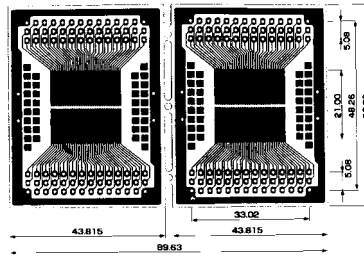
- 기판의 중앙부에 QFP IC를 납땜하고, 주변의 단지에서 배선을 빼냅니다.
- PIN수가 작은 IC는 패턴 중앙부를 사용해 주십시오.
- 뒷면의 표면실장용 랜드에는 CLOCK 회로등의 IC를 배치하지 않으면 안되는 회로를 조립할 수 있습니다. (QFP-52회로에는 없습니다.)
- 일부 칩수가 맞지 않는 IC가 있기 때문에 주의 바랍니다.

SOP IC Adapter PCB

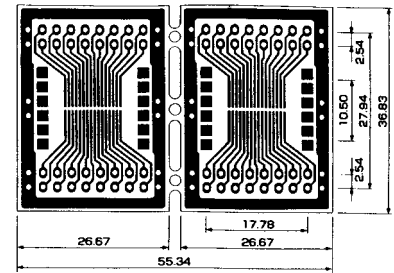
SSP-51 MAX. 32 PIN 0.5mm Pitch



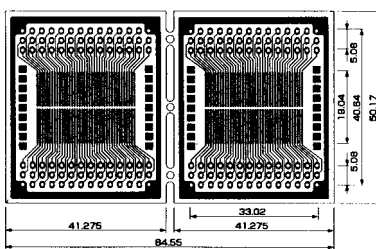
SSP-52 MAX. 80 PIN 0.5mm Pitch



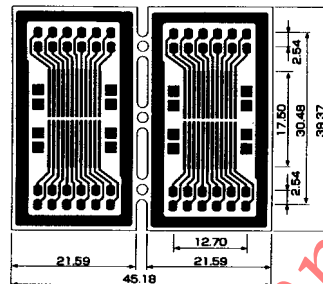
SSP-61 MAX. 32 PIN 0.65mm Pitch



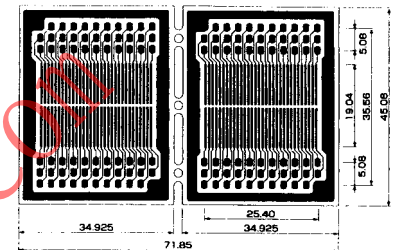
SSP-62 MAX. 80 PIN 0.65mm Pitch



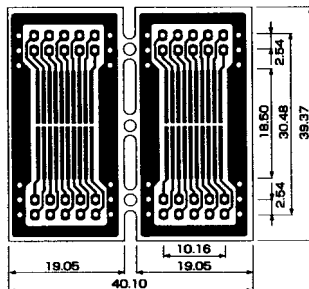
SSP-81 MAX. 24 PIN 0.8mm Pitch



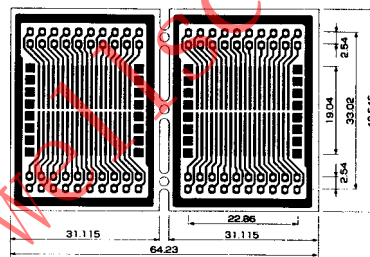
SSP-82 MAX. 64 PIN 0.8mm Pitch



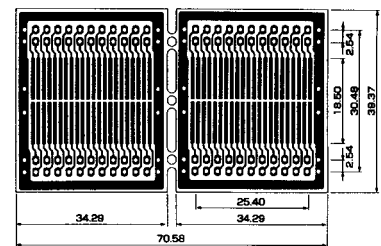
SSP-101 MAX. 20PIN 1.0mm Pitch



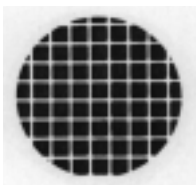
SSP-102 MAX. 40 PIN 1.0mm Pitch



SSP-121 MAX. 44 PIN 1.27mm Pitch



● Back Pattern



● Common Specifications

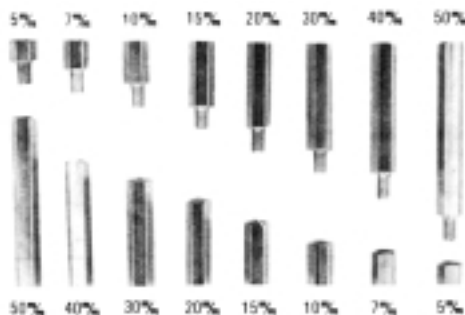
Material : Double side, Glass epoxy (FR-4) 1.0t
 Finish : Through Hole, Gold plated, Solder Resist
 Terminal : 2.54mm pitch, Hole diameter: 0.9 ϕ
 Surface : 0.5mm pitch
 Back : 2.54mm pitch pads for surface mount
 Remarks : 2 patterns in 1 sheet.

● How to use

Solder SOP IC in the center of this PC board
 Wires solder to circumference terminals. Small
 terminal number SOP IC can solder plural.
 Some IC do not fit these PC boards.

PCB Supporter

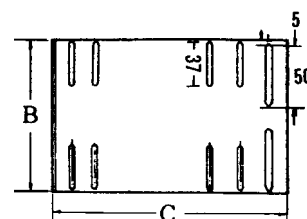
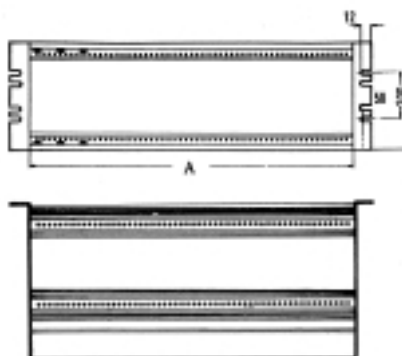
● BOLT



● NUT

Part No. (BOLT)	Length (mm)	Model (NUT)	Length (mm)
M - 5	7	F - 5	5
M - 7	7	F - 7	7
M - 10	10	F - 10	10
M - 13	13	F - 13	13
M - 15	15	F - 15	15
M - 20	20	F - 20	20
M - 25	25	F - 25	25
M - 30	30	F - 30	30
M - 40	40	F - 40	40
M - 50	50	F - 50	50

PCB Racks (SKN Series)



Model	A	B	C
SKN150	152	150	220
SKN300	292	150	220
SKN400	432	150	220

Cool Sheet(SIL-PAD900-S)

Physical Properties

Property	Units	Value	Method
Color	...	Mauve	Visual
Thickness	inches (mm)	.009 0.23	ASTM D374
Specific Gravity	g/cm3	2.5	ASTM D792
Tensile Strength 45° to Warp & Fill	MPa (kpsi)	9 (1.3)	ASTM D412
Breaking Strength Warp & Fill	kN/m (Lbs./inch)	5x4 (70x20)	ASTM D1458
Tensile Elongation 45° to Warp & Fill		20	ASTM D412

Thermal Properties

Property	Units	Value	Method
Thermal Conductivity	Watt (meter·°K)	1.6	ASTM D5470
Thermal Impedance	(mm2·°C)/Watt	150	ASTM D5470

Electrical Properties

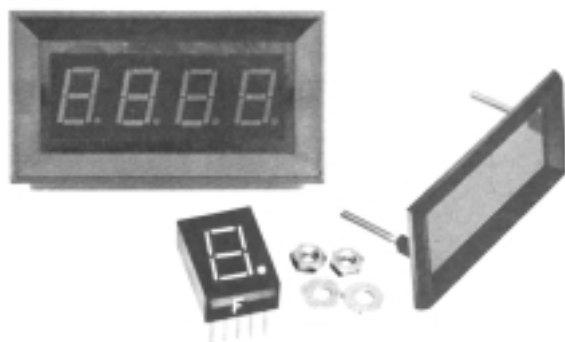
property	Units	Value	Method
Breakdown Voltage			
Type 1 Electrodes	kVa-c	5.5	ASTM D149
Type 3 Electrodes	kVa-c	8.3	ASTM D149
Volume Resistivity	Ohm-meter	1×10^{19}	ASTM D257
Dielectric Constant, 1k Hz		6	ASTM D150

Low Pressure Thermal Data

Property	Units	Value	Method
Thermal Impedance	(mm ² -C/Watt)	0.2 MPa 320 / 0/5 MPa 270	
Thermal Resistance (TO-220)	°C/Watt	0.2 MPa 2.7 / 0.3 MPa 2.5 0.7 MPa 2.3 / 1.4 MPa 2.1	** For reference only

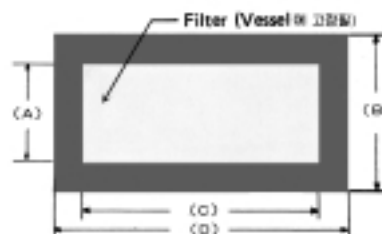
Part No.	Package	Dimensions
TO-3PH-S9	TO-3P	Technical drawing of TO-3P package showing dimensions: (19) total width, 9.5mm segments, 7mm height, 17±0.5mm height, and 3.3±0.2mm mounting hole offset.
TO-220H-S9	TO-220	Technical drawing of TO-220 package showing dimensions: 13±0.5mm total width, 13.5±0.2mm height, and 3.5±0.2/-0.1mm mounting hole offset.
TO-3-S9	TO-3	Technical drawing of TO-3 package showing dimensions: 42.0±0.5mm total width, 30.0±1.1mm mounting hole diameter, 6.0mm base width, 18.5mm base height, 2.0±0.2mm mounting hole offset, and 2.15±0.1mm mounting hole diameter.

Universal Display Mounting Hardware



Part No.	Front Frame (int.)		Front Frame (ext.)		Pannel Window Dimension		
	Height(A)	Width(C)	Height(B)	Width(D)	Height(E)	(R)	Width(F)
S - C	15	55	29	69	20	1.57	55.5
L - C	25	75	38	69	30	1.57	57

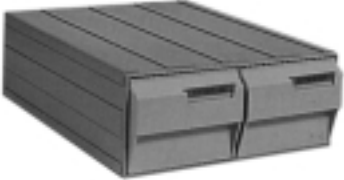
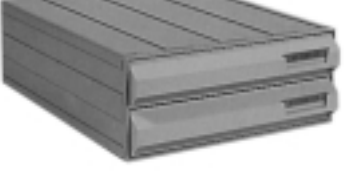
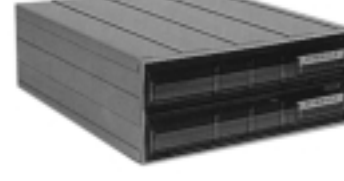
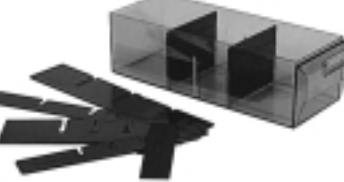
- Front Frame Dimension (Fixed at Vessel)



- Front Window Dimension



CASSETTER

모델명	제 품	사 양	모델명	제 품
SY-7000AS		■SY7000AS - 색상 :Sandy Gray - 몸체 :Beige - 서랍 :Beige ■SY7000ALS - 색상 :Sandy Gray - 몸체 :Transparent - 서랍 :Type • 규격(AS,ALS동일) 몸체 :가로 237mm 세로 296mm 높이 99mm 서랍 :가로 113mm 세로 293mm 높이 90mm	SY-7000ALS	
SY-7000BS		■SY7000BS - 색상 :Sandy Gray - 몸체 :Beige - 서랍 :Beige ■SY7000BLS - 색상 :Sandy Gray - 몸체 :Transparent - 서랍 :Type • 규격(BS,BLS동일) 몸체 :가로 237mm 세로 296mm 높이 99mm 서랍 :가로 113mm 세로 293mm 높이 45mm	SY-7000BLS	
SY-7000CS		■SY7000CS - 색상 :Sandy Gray - 몸체 :Beige - 서랍 :Beige ■SY7000CLS - 색상 :Sandy Gray - 몸체 :Transparent - 서랍 :Type • 규격(CS,CLS동일) 몸체 :가로 237mm 세로 296mm 높이 99mm 서랍 :가로 229mm 세로 293mm 높이 45mm	SY-7000CLS	
SY-7000DS		■SY7000DS - 색상 :Sandy Gray - 몸체 :Beige - 서랍 :Beige ■SY7000DLS - 색상 :Sandy Gray - 몸체 :Transparent - 서랍 :Type • 규격(DS,DLS동일) 몸체 :가로 237mm 세로 296mm 높이 99mm 서랍 :가로 229mm 세로 293mm 높이 90mm	SY-7000DLS	
SY-T SERIES		■SY-T Series - SY-TA(SY7000AS, ALS 서랍용) - SY-TB(SY7000BS, BLS 서랍용) - SY-TC(SY7000CS, CLS 서랍용) - SY-TD(SY7000DS, DLS 서랍용) ■SY7000J - 색상:Sandy Gray - 규격:가로 237mm 세로 297mm 높이 9mm ■SY7000S - 색상:Black - 규격:가로 234mm 세로 294mm 높이 52mm	SY-7000J SY-7000S	

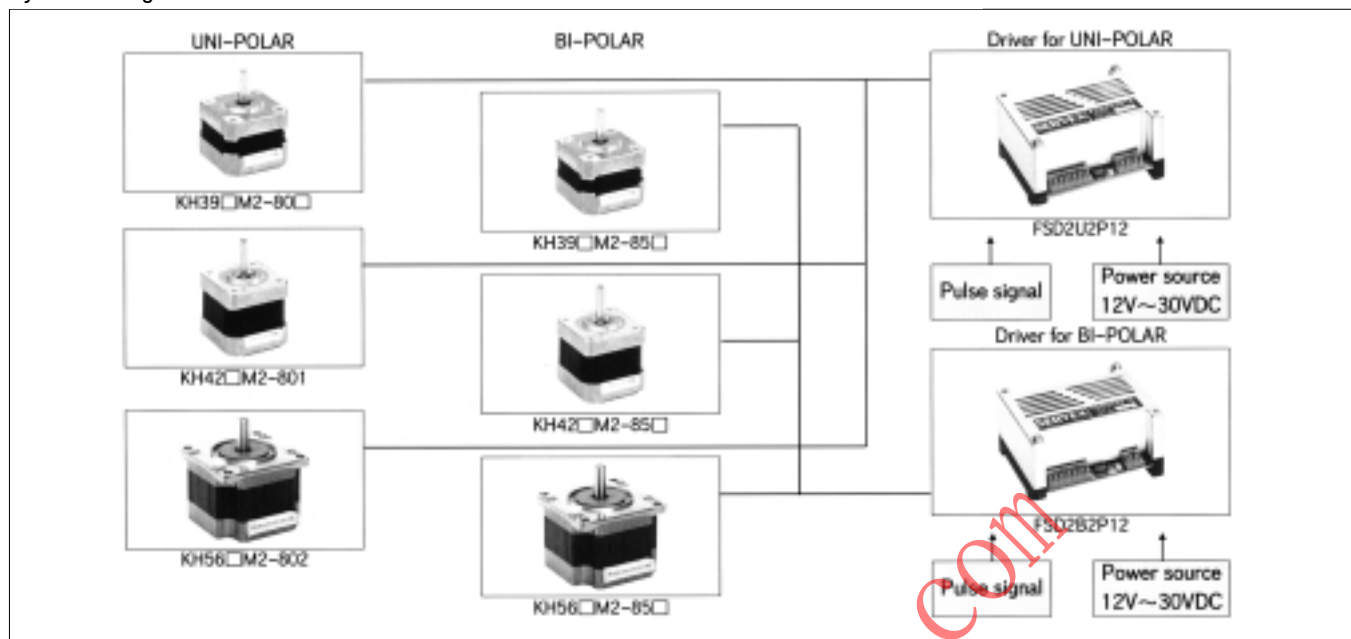
MOTOR / FAN

Japan Servo Stepping Motors & Drivers

MODEL	NUMBER OF PHASES	STEP ANGEL	VOLTAGE	CURRENT	WINDING RESISTANCE	HOLDING TOUQUE		DIMENSION	
		deg./step	V	A/phase	Ω/phase	kgf/cm	oz.in	mm	inch
KH39EM2-801	2	1.8	5.6	0.4	14.0	0.6	8.3	39 sq.X20.8	1.5 sq.X0.82
-851	2	1.8	3.6	0.6	6.0	0.8	11	"	"
KH39FM2-801	2	1.8	6.3	0.42	15.0	0.9	13	39 sq.X27	1.5 sq.X1.06
-851	2	1.8	4	0.67	6.0	1.2	17	"	"
KH39GM2-801	2	1.8	6.4	0.47	13.6	1.3	18	39 sq.X31	1.5 sq.X1.22
-851	2	1.8	4.6	0.65	7.0	1.6	22	"	"
KH42HM2-801	2	1.8	3.96	0.82	4.8	1.3	18	42 sq.X34	1.65 sq.X1.34
-802	2	1.8	6.0	0.54	11.2	1.3	18	"	"
-803	2	1.8	9.6	0.34	28.2	1.3	18	"	"
-851	2BI-POLAR	1.8	5.57	0.58	9.6	2.0	28	"	"
-852	2BI-POLAR	1.8	8.51	0.38	22.4	2.0	28	"	"
KH42JM2-801	2	1.8	3.96	1.2	3.3	2.4	33	42 sq.X40	1.65 sq.X1.58
-802	2	1.8	5.9	0.79	7.5	2.4	33	"	"
-803	2	1.8	9.6	0.48	20.0	2.4	33	"	"
-851	2BI-POLAR	1.8	5.61	0.85	6.6	3.2	44	"	"
-852	2BI-POLAR	1.8	8.25	0.55	15.0	3.2	44	"	"
KH42KM2-801	2	1.8	4.6	1.0	4.6	3.2	44	42 sq.X50	1.65 sq.X1.97
-802	2	1.8	12.0	0.4	30.0	3.2	44	"	"
-851	2BI-POLAR	1.8	5.78	1.2	3.2	4.0	56	"	"
KH56JM2-801	2	1.8	1.65	3.0	0.55	4.3	60	56 sq.X42	2.21 sq.X1.65
-802	2	1.8	2.5	2.0	1.25	4.3	60	"	"
-803	2	1.8	4.8	1.0	4.8	4.3	60	"	"
-851	2BI-POLAR	1.8	3.51	1.3	2.7	5.0	69	"	"
KH56KM2-801	2	1.8	2.4	3.0	0.8	8.5	118	56 sq.X54	2.21 sq.X2.13
-802	2	1.8	3.7	2.0	1.85	8.5	118	"	"
-803	2	1.8	6.8	1.0	6.8	8.5	118	"	"
-851	2BI-POLAR	1.8	4.05	1.5	4.05	10.0	139	"	"
KH56QM2-801	2	1.8	3.15	3.0	1.05	13.5	188	56 sq.X76	2.21 sq.X2.99
-802	2	1.8	4.9	2.0	2.45	13.5	188	"	"
-803	2	1.8	9.7	1.0	9.7	13.5	188	"	"
-851	2BI-POLAR	1.8	4.8	1.6	3.0	13.0	181	"	"

MODEL	NUMBER OF PHASES	STEP ANGEL	VOLTAGE	CURRENT	WINDING RESISTANCE	HOLDING TOUQUE		DIMENSION	
		deg./step	V	A/2phase	Ω/2phase	kgf/cm	oz.in	mm	inch
KT60KM06-551	3	0.6	2.09	3.8	0.55	5.0	69	60 sq.X47	2.36 sq.X1.85
-552	3	0.6	3.52	2.2	1.6	5.0	69	"	"
-751	3	0.6	2.09	3.8	0.55	3.0	42	"	"
-752	3	0.6	3.52	2.2	1.6	3.0	42	"	"
KT60LM06-551	3	0.6	2.77	3.8	0.73	9.0	125	60 sq.X58	2.36 sq.X2.29
-552	3	0.6	4.84	2.2	2.2	9.0	125	"	"
-751	3	0.6	2.77	3.8	0.73	6.0	83	"	"
-752	3	0.6	4.84	2.2	2.2	6.0	83	"	"
KT35FM1-552	3	1.2	11.7	0.3	39.0	0.6	8.3	35 sq.X28	1.38 sq.X1.10
KT86LM1-551	3	1.2	5.4	3	1.8	20	278	86 dia.X61	3.39 dia.X2.10
KT86SM1-551	3	1.2	7.0	2.5	2.8	40	556	86 dia.X95	3.39 dia.X3.74
KT42EM4-551	3	3.75	5.28	0.8	6.6	0.7	9.7	42 sq.X34	1.65 sq.X0.79
KT42HM4-551	3	3.75	4.42	1.3	3.4	1.3	18	42 sq.X34	1.65 sq.X1.34
-552	3	3.75	7.04	0.8	8.8	1.3	18	"	"
KT42JM4-551	3	3.75	5.16	1.2	4.3	1.8	25	42 sq.X40	1.65 sq.X1.58
-552	3	3.75	8.8	0.8	11.0	1.8	25	"	"
KT56JM4-551	3	3.75	2.16	2.7	0.8	3.0	42	58 sq.X43	2.28 sq.X1.69
-552	3	3.75	4.32	1.8	2.4	3.0	42	"	"
-553	3	3.75	7.15	1.3	5.5	3.0	42	"	"
-554	3	3.75	8.6	1.0	8.6	3.0	42	"	"
KT56KM4-551	3	3.75	2.7	2.7	1.0	4.0	56	58 sq.X53	2.29 sq.X2.09
-552	3	3.75	5.4	1.8	3.0	4.0	56	"	"
-553	3	3.75	11.8	1.0	11.8	4.0	56	"	"
KT56LM4-551	3	3.75	3.24	2.7	1.2	6.0	83	58 sq.X63	2.29 sq.X2.48
-552	3	3.75	6.84	1.8	3.8	6.0	83	"	"
-553	3	3.75	11.6	0.8	14.5	6.0	83	"	"
KR42HM4-551	3	3.75	2.8	2	1.4	0.5	6.9	42 sq.X34	1.65 sq.X1.34
-552	3	3.75	4.42	1.3	3.4	0.5	6.9	"	"
KR42JM4-551	3	3.75	3.5	2	1.75	0.9	12.5	42 sq.X40	1.65 sq.X1.57
-552	3	3.75	5.16	1.2	4.3	0.9	12.5	"	"
KR42KM4-551	3	3.75	3.5	2.5	1.40	1.2	16.7	42 sq.X48	1.65 sq.X1.89
-552	3	3.75	6.5	1.3	5.0	1.2	16.7	"	"

System Configuration



Tubeaxial AC FANS

NAME		TINY	VENUS20	KOALA 25 MK II	CINTAUR III	CENTAUR IV	MAXI
MODEL	TERMINAL TYPE	-	-	WE52B3	CN55B3	CN52B3	
	LEAD TYPE	TY55B4	VUJ55B4	WE52B5	CN155B4	CN52B5	MA77B3
RATED VOLTAGE V		100	100	208-230	100	208-230	208-230
FREQUENCY Hz		50/60	50/60	50/60	50/60	50/60	50/60
MAX.STATED PRESSURE mmH ₂ O		1.3/2.0	3.2/4.7	4.2/6.2	8.5/9	8.5/7.5-8.5/9	14/17-15.5/19
MAX.AIRFLOW m ³ /min		0.20/0.27	0.47/0.55	0.8/0.95	2.6/3.1	2.5/3-2.6/3.1	5.2/6.2-5.4/6.5
SPEED AT AIR CONDITION rpm		2200/2800	2550/3050	2700/3220	2800/3200	2780/3150-2800/3200	2800/3300-2850/3350
NOISE AT AIR CONDITION dB(A)		27/30	31/36	34.5/39-35/40	44/48	43/47-44/48	51.5/55.5-52.5/56.5
INPUT AT AIR CONDITION W		6.0/5.0	5.0/4.0	9/7.5-11.5/9	13/12.5	12/12-15/13	22/23-30/27
CURRENT AT FREE AIR mA		75/65	65/55	60/50-70-60	200/180	95/85-110/90	120/115-140/125
LOCKED ROTOR CURRENT mA		75/70	65/60	70/60-75/70	300/270	135/120-160/140	195/195-210/210
TEMPERATURE RISE deg.C		40/35	35/25	45/38-48/40	45/35	40/30-45/35	50/40-55/45
WEIGHT g		160	190	280	500	500	980
SAFTY APPROVAL		UL		UL · CSA	UL · CSA	UL · CSA	UL · CSA

(Unit: mm)

