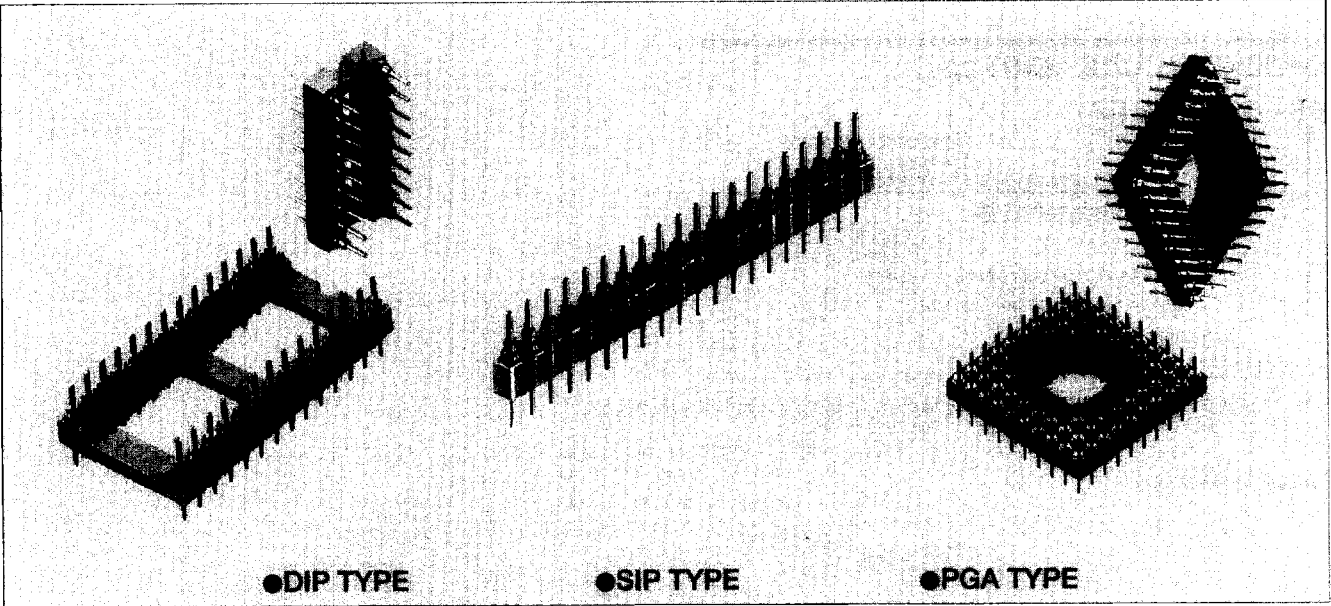




FEATURES

- Plugs designed to implement stack mounting of PC boards using conventional IC sockets (IC26 and IC140 series for SIP/DIP, IC122 series for PGA).
- A wide variety of terminal lengths available (3 types for DIP, 4 types for SIP, 4 types for PGA).

SPECIFICATIONS

PERFORMANCE

Insulation Resistance	1,000M Ω min. at 500VDC
Dielectric Withstanding Voltage	700VAC rms for 1 minute
Contact Resistance	30m Ω max. at 10mA
Current Rating	2A
Operating Temperature Range	-65 $^{\circ}$ C to +125 $^{\circ}$ C

MATERIAL AND FINISH

Housing	SIP: PA (glass-filled), UL94V-0 rated
	DIP/PGA: PET (glass-filled), UL94V-0 rated
Contacts	Copper alloy, gold or solder plating over nickel

PS SERIES

BOARD to BOARD (SIP, DIP, PGA)

ORDERING CODE (DIPT type)

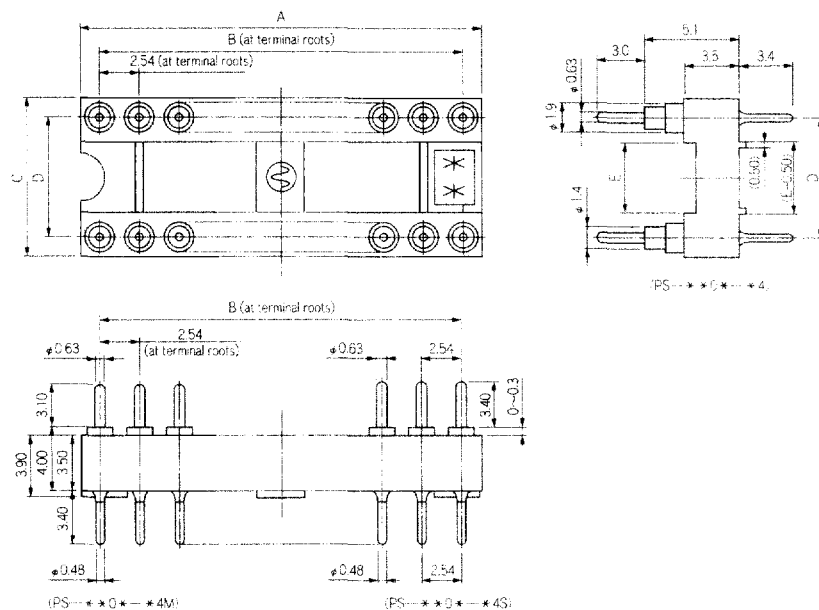
PS—1603—B4M

	Unmarked = Standard
	S = Short
Contact length	M = Middle
Straight solder dip	
	B = Gold (0.3 μ m min.)
	F = Gold (0.05 μ m min.)
Type of contact plating	S = Solder
Distance between IC terminal rows: 3	= 0.3 inches
Number of leads	
PS series	

Note 1: Type B gold plating selected automatically for standard (unmarked) or middle (M) terminal length.

Note 2: Type F gold plating selected automatically for short (S) terminal length.

●Outline Dimensions



Part No.	No. of Leads	A	B	C	D	E
PS—0603—*4 (*)	6	7.59	2.54 × 2 = 5.08	10.13	7.62	4.5
PS—0803—*4 (*)	8	10.13	2.54 × 3 = 7.62	10.13	7.62	4.5
PS—1003—*4 (*)	10	12.67	2.54 × 4 = 10.16	10.13	7.62	4.5
PS—1403—*4 (*)	14	17.75	2.54 × 6 = 15.24	10.13	7.62	4.5
PS—1603—*4 (*)	16	20.29	2.54 × 7 = 17.78	10.13	7.62	4.5
PS—1803—*4 (*)	18	22.83	2.54 × 8 = 20.32	10.13	7.62	4.5
PS—2003—*4 (*)	20	25.37	2.54 × 9 = 22.86	10.13	7.62	4.5
PS—2004—*4 (*)	20	25.37	2.54 × 9 = 22.86	12.67	10.16	6.5
PS—2204—*4 (*)	22	27.91	2.54 × 10 = 25.40	12.67	10.16	6.5
PS—2403—*4 (*)	24	30.45	2.54 × 11 = 27.94	10.13	7.62	4.5
PS—2406—*4 (*)	24	30.45	2.54 × 11 = 27.94	17.75	15.24	11.0
PS—2806—*4 (*)	28	35.53	2.54 × 13 = 33.02	17.75	15.24	11.0
PS—3206—*4 (*)	32	40.61	2.54 × 15 = 38.10	17.75	15.24	11.0
PS—3606—*4 (*)	36	45.69	2.54 × 17 = 43.18	17.75	15.24	11.0
PS—4006—*4 (*)	40	50.77	2.54 × 19 = 48.26	17.75	15.24	11.0
PS—4206—*4 (*)	42	53.31	2.54 × 20 = 50.80	17.75	15.24	11.0
PS—4806—*4 (*)	48	60.93	2.54 × 23 = 58.42	17.75	15.24	11.0
PS—6409—*4 (*)	64	81.25	2.54 × 31 = 78.74	25.37	22.86	18.0

Unit = mm

ORDERING CODE (SIPタイプ)

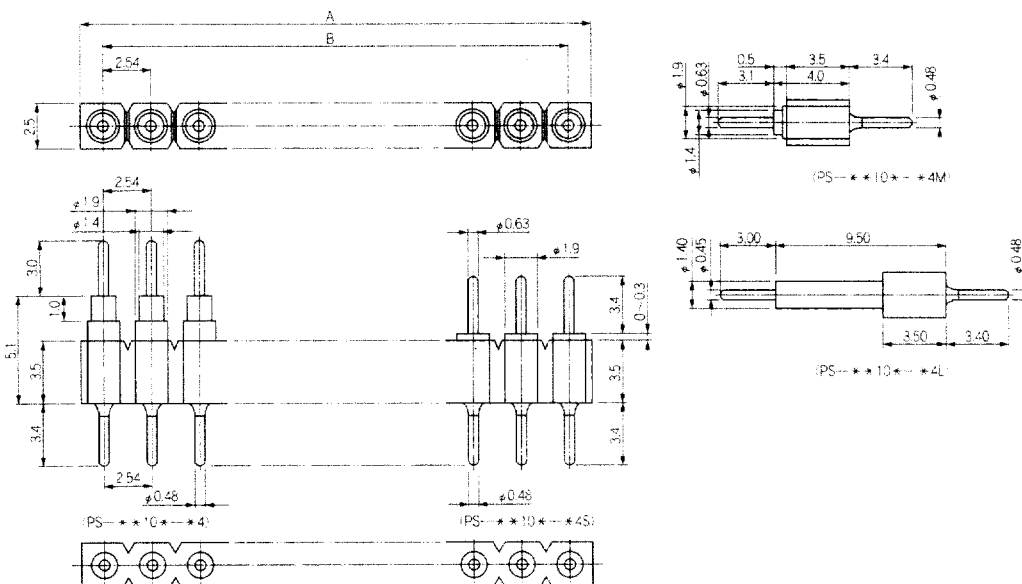
PS—2010—B4M

	Unmarked = Standard
	M = Middle
	Contact length L = Long
	Terminal type 4: Straight solder dip
	B = Gold ($0.3\mu\text{m}$ min.)
	F = Gold ($0.05\mu\text{m}$ min.)
	Type of contact plating S = Solder
0:	Single inline
1:	Cut to length
	Number of leads
PS series	

Note 1: Type B gold plating selected automatically for standard (unmarked), middle (M) or long (L) terminal length.

Note 2: Type F gold plating selected automatically for short (S) terminal length.

●Outline Dimensions



Part No.	No. of Leads	A	B
PS—0110—*4 (*)	1	2.38	—
PS—0210—*4 (*)	2	4.92	2.54
PS—0310—*4 (*)	3	7.46	5.08
PS—0410—*4 (*)	4	10.00	7.62
PS—0510—*4 (*)	5	12.54	10.16
PS—0610—*4 (*)	6	15.08	12.70
PS—0710—*4 (*)	7	17.62	15.24
PS—0810—*4 (*)	8	20.16	17.78
PS—0910—*4 (*)	9	22.70	20.32
PS—1010—*4 (*)	10	25.24	22.86
PS—1110—*4 (*)	11	27.78	25.40
PS—1210—*4 (*)	12	30.32	27.94
PS—1310—*4 (*)	13	32.86	30.48
PS—1410—*4 (*)	14	35.40	33.02
PS—1510—*4 (*)	15	37.94	35.56
PS—1610—*4 (*)	16	40.48	38.10
PS—1710—*4 (*)	17	43.02	40.64
PS—1810—*4 (*)	18	45.56	43.18
PS—1910—*4 (*)	19	48.10	45.72
PS—2010—*4 (*)	20	50.64	48.26

Unit = mm

PS SERIES

BOARD to BOARD (SIP, DIP, PGA)

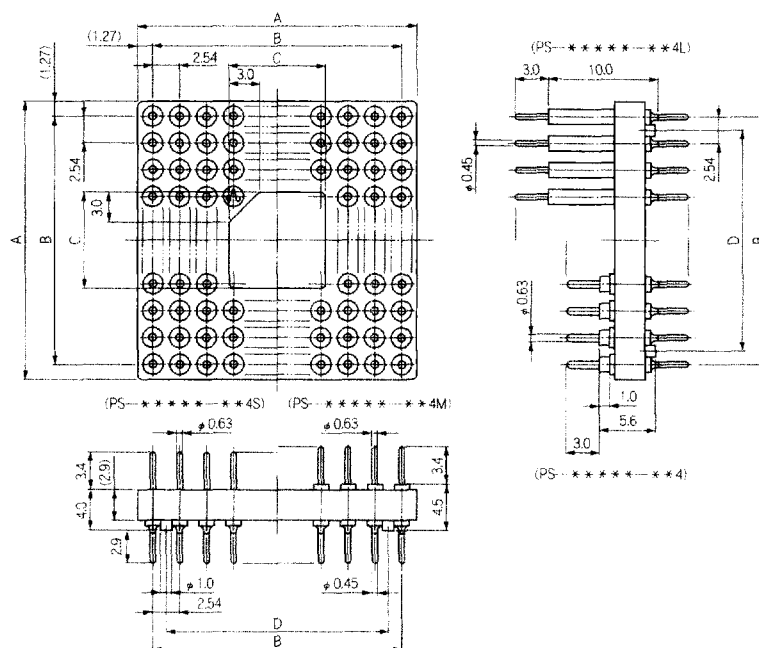
ORDERING CODE (PGA Type)

PS—08410—0B4M

	Unmarked = Standard
	S = Short
	M = Middle
	L = Long
	Contact length L = Long
	Terminal type 4: Straight solder dip
	B = Gold (0.3 μm min.)
	Type of contact plating S = Solder
	Design number (for internal use only)
	Grid size
	Number of leads
PS series	

The terminal patterns are the same as the IC122 series. See the IC series terminal patterns (pages 22 to 28) about the number of leads, grid size, and design numbers

●Outline Dimensions



Grid Size	No. of leads	A	B	C	D
10×10	84	25.40	2.54×9=22.86	8.89	20.32
11×11	96	27.94	2.54×10=25.40	11.43	22.86
12×12	128	30.48	2.54×11=27.94	8.89	25.40
13×13	144	33.02	2.54×12=30.48	11.43	27.94
14×14	160	35.56	2.54×13=33.02	13.97	30.48
15×15	200	38.10	2.54×14=35.56	11.43	33.02
17×17	240	43.18	2.54×16=40.64	13.97	38.10
18×18	288	45.72	2.54×17=43.18	13.97	40.64
19×19	336	48.26	2.54×18=45.72	11.43	43.18
20×20	364	50.80	2.54×19=48.26	13.97	45.72

Unit = mm