

Specifications

Insulation Resistance: 1,000MΩ min. at 500V DC
 Dielec. Withstd. Voltage: 1000V AC for 1 minute
 Contact Resistance: 10mΩ max. at 10mA
 Current Rating: 3A
 Operating Temp. Range: -40°C to +170°C
 Mating Cycles: 500 (1.75mm max. PCB thickness)

Materials and Finish

Housing: Polyetherimide (PEI), glass-filled
 Contacts: Beryllium Copper (BeCu)
 Plating: Gold over Nickel
 Terminals: Solder plating over Nickel



Features

- ◇ Card thickness 1.6mm
- ◇ 2 terminal types available

Part Number (Details)

PS 4 2 - 44 * - 60 16

Series

Contact Pitch:
4=2.54

Design No.
(for internal use only)

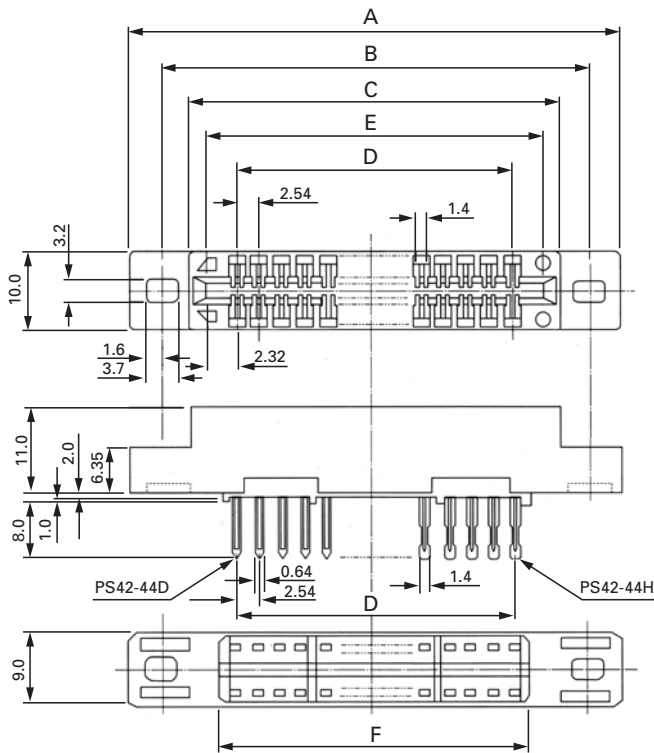
Contact Arrangement:
4=Independent contacts on both sides

Terminal Type:
D = Solder dip
H = Eyelet

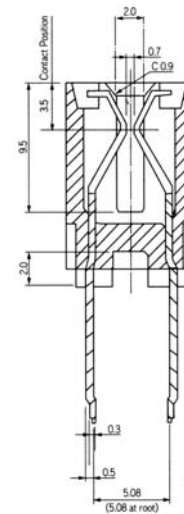
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

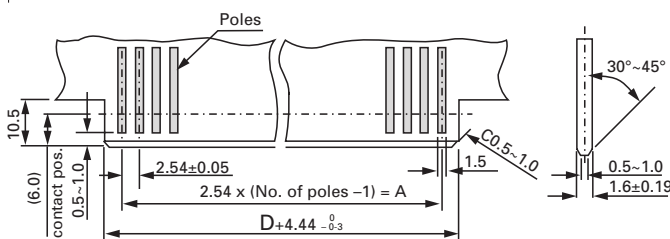
Outline Socket Dimensions



Contact Detail

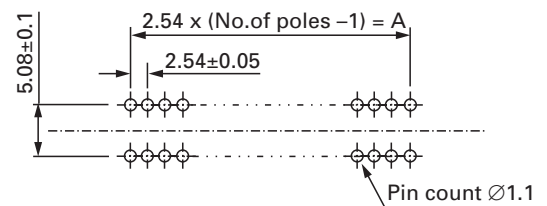


Matching PC Board Dimensions



Recommended PC Board Layout

Top View from Socket



Part Number	Pin Count	A	B	C	D	E	F
PS42-44*-2016	40	71.50	64.50	57.30	48.26	52.90	54.40
PS42-44*-6016	120	173.10	160.10	158.90	149.86	154.50	156.00

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- ◇ 2 terminal types available

Part Number (Details)

PS 4 4 - 44 * - 50 11

Series

Contact Pitch:
4=2.54

Design No.
(for internal use only)

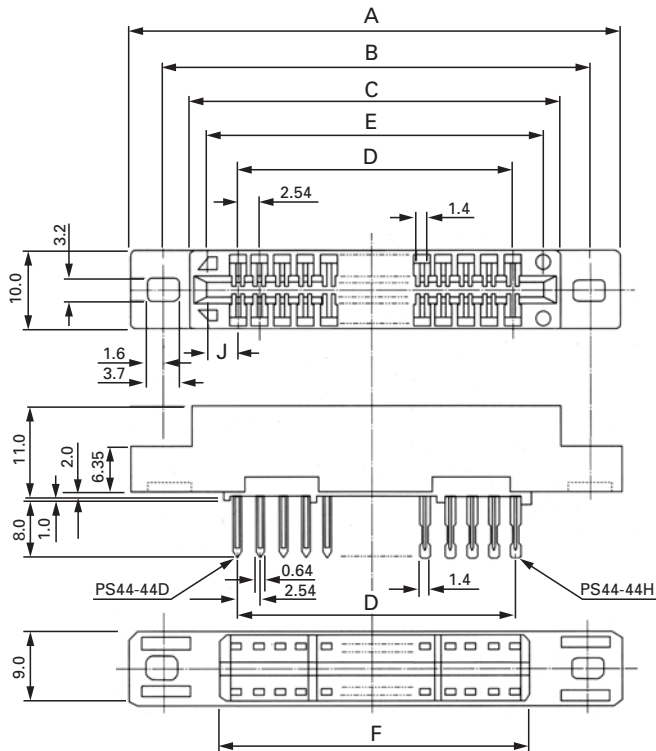
Contact Arrangement:
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Terminal Type:
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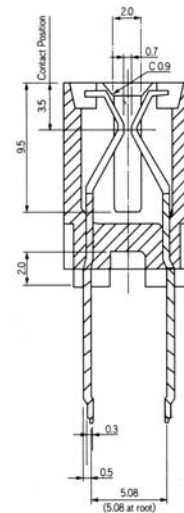
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

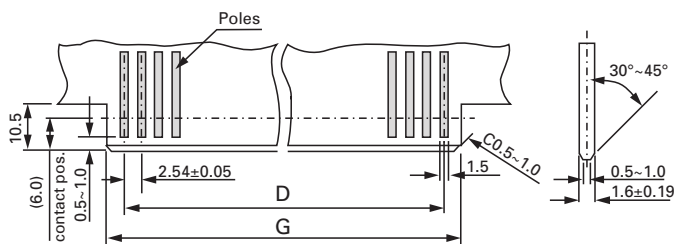
Outline Socket Dimensions



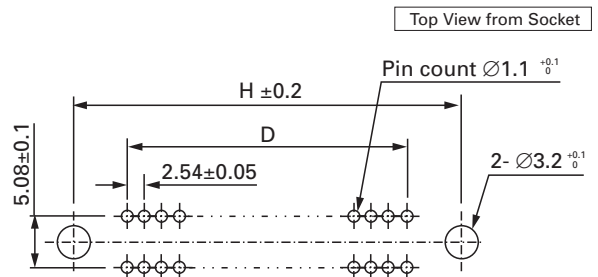
Contact Detail



Matching PC Board Dimensions



Recommended PC Board Layout



Part Number	Pin Count	A	B	C	D	E	F	G	H	J
PS44-44*-1411	28	56.77	50.17	42.16	33.02	38.00	39.37	37.80	49.67	2.4
PS44-44*-3011	60	97.41	90.81	82.80	73.66	78.64	80.01	78.44	90.31	2.4
PS44-44*-3611	72	112.65	106.05	98.04	88.90	93.88	95.25	93.66	105.55	2.4
PS44-44*-4311	86	130.43	123.43	115.82	106.68	111.66	113.03	111.46	123.33	2.4
PS44-44*-4411	88	132.97	126.37	118.36	109.22	114.20	115.57	114.00	125.87	2.4
PS44-44*-5011	100	148.21	141.61	133.60	124.46	129.44	130.81	129.24	141.11	2.4

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Features

◇ Card thickness 1.6mm



Part Number (Details)

PS 42 - 44 D - 60 13 - 2

Series

Contact Pitch:
4 = 2.54

Design No.
(for internal use only)

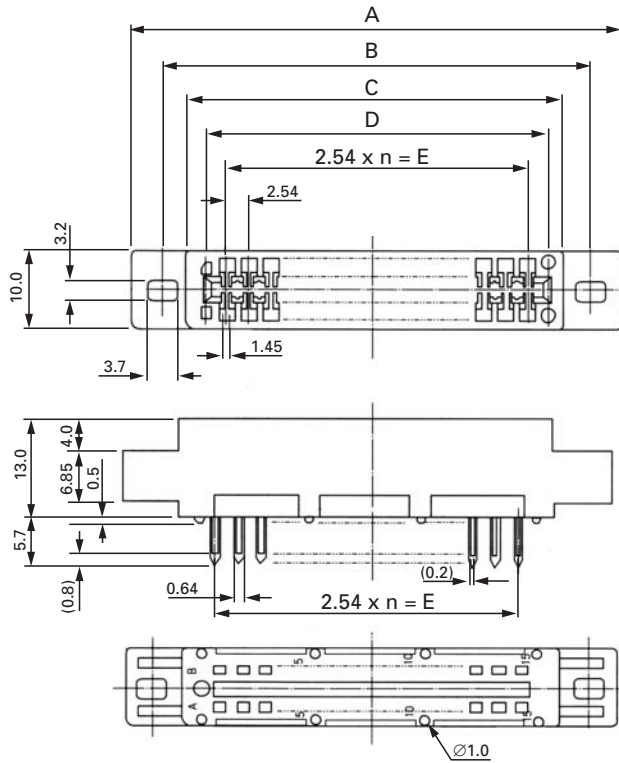
Contact Arrangement:
4 = Independent con-
tacts on both sides

Terminal Type:
D = Solder dip

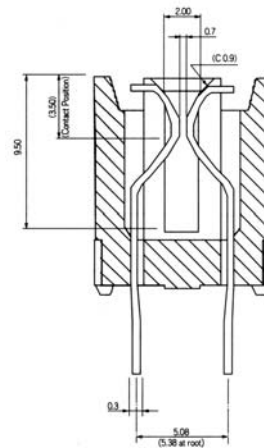
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

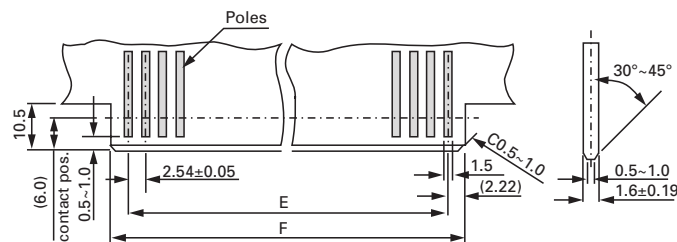
Outline Socket Dimensions



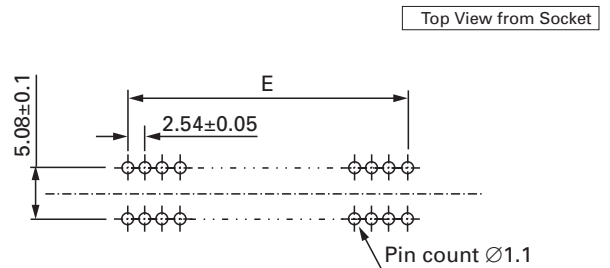
Contact Detail



Matching PC Board Dimensions



Recommended PC Board Layout



Part Number	Pin Count	A	B	C	D	E	F
PS42-44D-2513-2	50	84.20	77.20	70.00	65.60	60.96	65.40
PS42-44D-4313-2	86	129.90	122.90	115.70	111.30	106.68	111.10
PS42-44D-5013-2	100	147.70	140.70	133.50	129.10	124.46	128.90
PS42-44D-6013-2	120	173.10	166.10	158.90	154.50	149.86	154.30

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Features

- ◇ Card thickness 1.6mm
- ◇ 2 terminal types available

Part Number (Details)

PS 6 1 - 44 * - 86 11

Series

Contact Pitch:
6=3.96

Design No.
(for Internal use only)

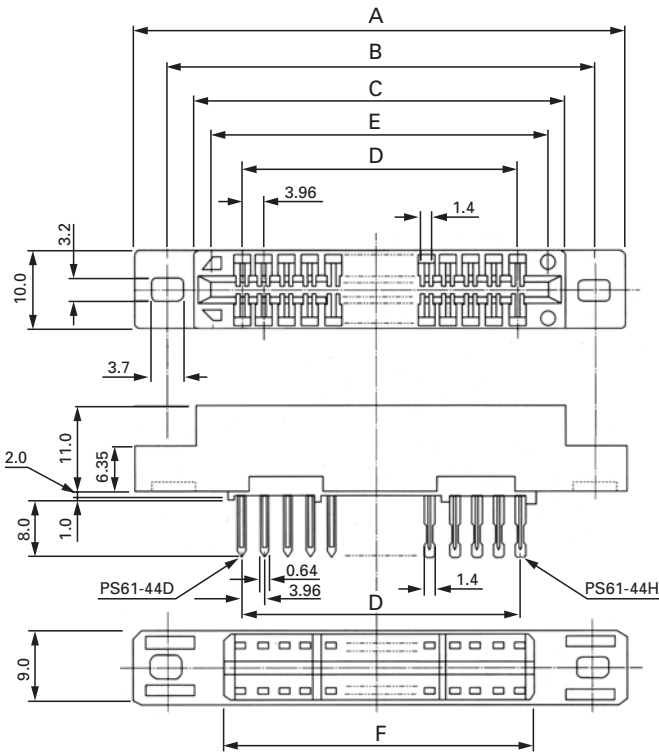
Contact Arrangement:
4=Independent contacts on both sides

Terminal Type:
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H = Eyelet

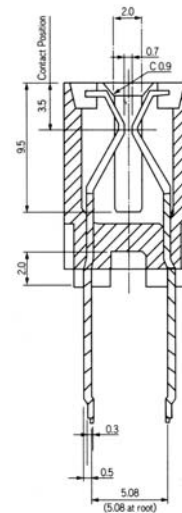
No. of Pins

Design No. (for Internal use only)

Outline Socket Dimensions



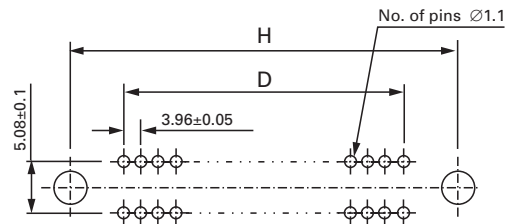
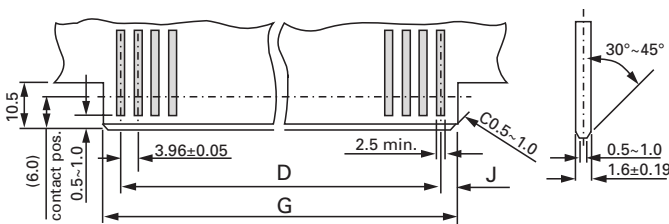
Contact Detail



Recommended PC Board Layout

Top View from Socket

Matching PC Board Dimensions



Part Number	Pin Count	A	B	C	D	E	F	G	H	J
PS61-44*-3611	36	94.59	86.51	79.35	67.32	75.49	72.75	75.29	86.51	3.99
PS61-44*-4411	44	110.45	102.36	95.20	83.16	91.34	88.59	91.14	102.36	3.99
PS61-44*-7211	72	165.91	157.84	150.67	138.60	146.81	144.07	146.61	157.84	4.01
PS61-44*-8611	86	193.65	185.57	178.41	166.32	174.55	171.81	174.35	185.57	4.02
PS61-44*-8811	88	197.61	189.58	182.37	170.28	178.51	175.77	178.31	189.53	4.02

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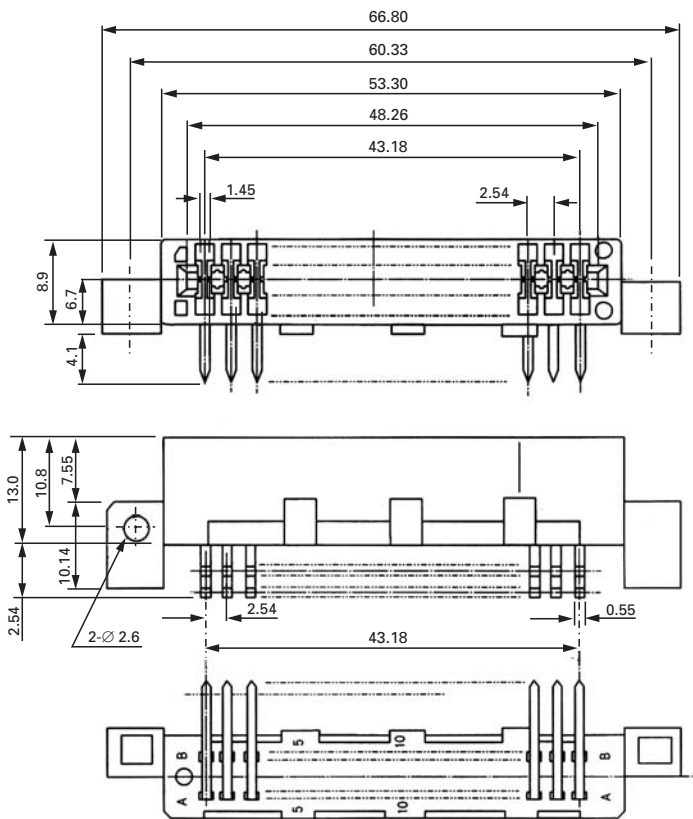
◇ Card thickness 1.6mm

Part Number (Details)

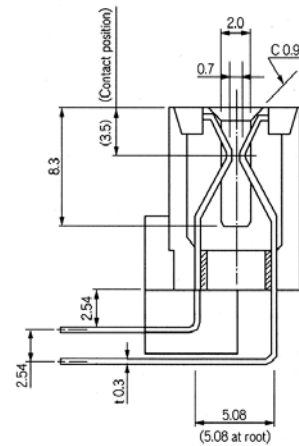
PS 43 - 44 D - 18 16

Series	PS
Contact Pitch: 4 = 2.54	43
Design No. (for internal use only)	44
Contact Arrangement: 4 = Independent contacts on both sides	D
Terminal Type: D = Solder dip	18
No. of Poles: (No. of Pins = No. of Poles x 2)	16
Design No. (for internal use only)	

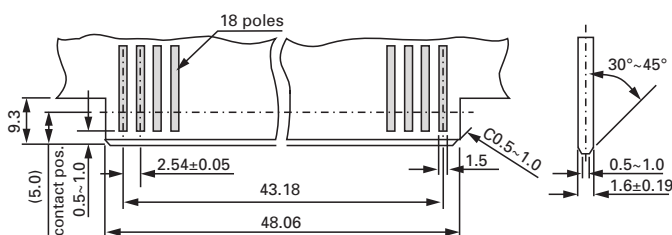
Outline Socket Dimensions



Contact Detail



Matching PC Board Dimensions



Recommended PC Board Layout

