

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 42 - 44 * - 60 16

Series

Contact Pitch:
4=2.54

Design No.
(for internal use only)

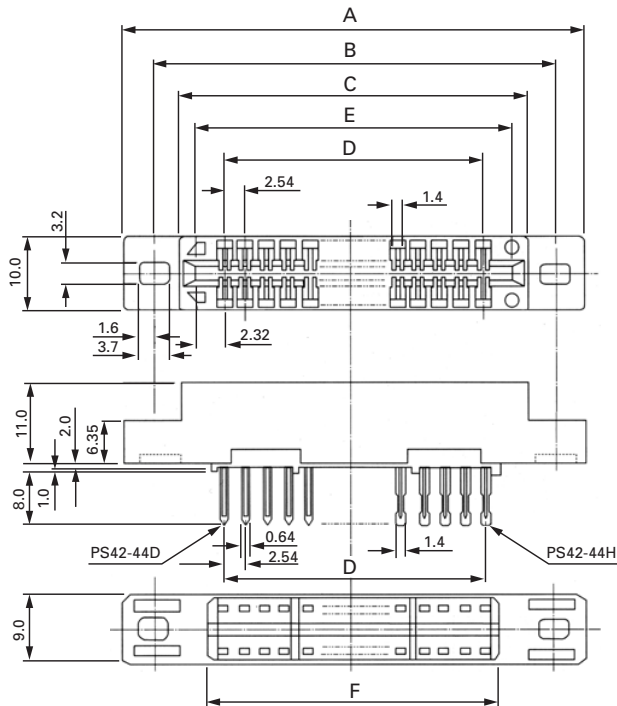
Contact Arrangement:
4=Independent con-
tacts on both sides

Terminal Type:
D = Solder dip
H = Eyelet

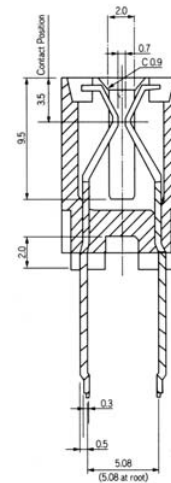
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

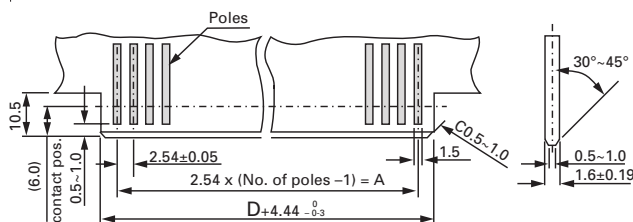
Outline Socket Dimensions



Contact Detail

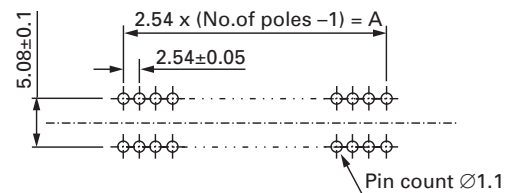


Matching PC Board Dimensions



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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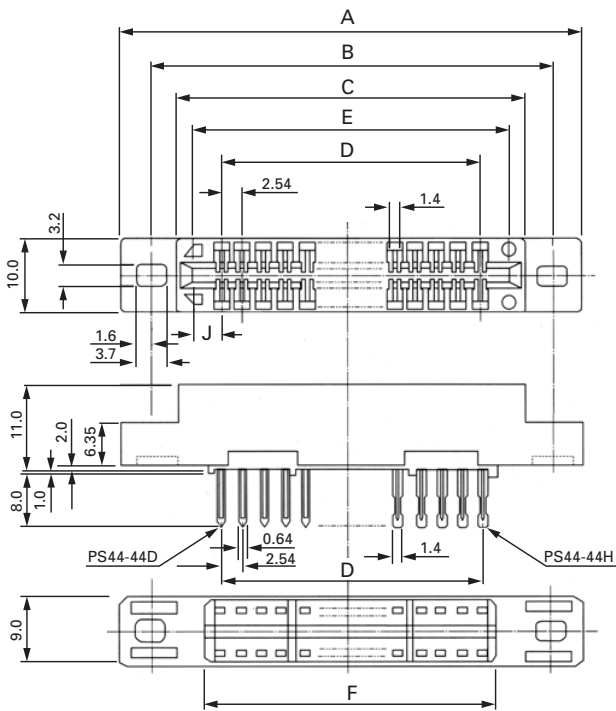
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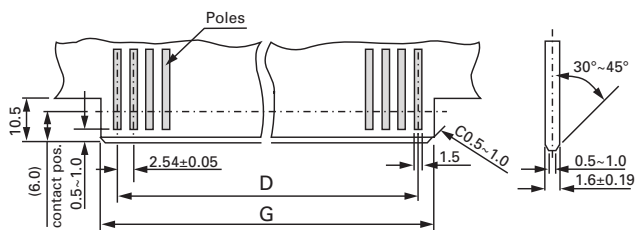
Features

- Card thickness 1.6mm
- 2 terminal types available

Outline Socket Dimensions



Matching PC Board Dimensions



Part Number (Details)

PS 44 - 44 * - 50 11

Series

Contact Pitch:
4=2.54

Design No.
(for internal use only)

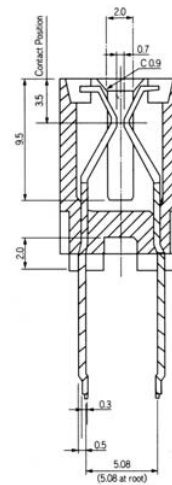
Contact Arrangement:
4=Independent contacts on both sides

Terminal Type:
D = Solder dip
H = Eyelet

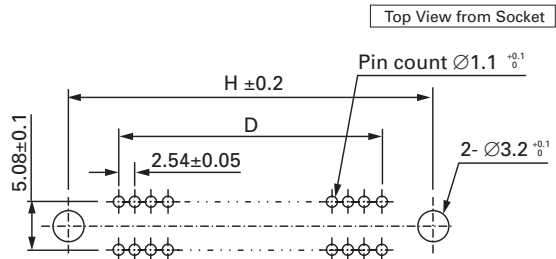
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

Contact Detail



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)

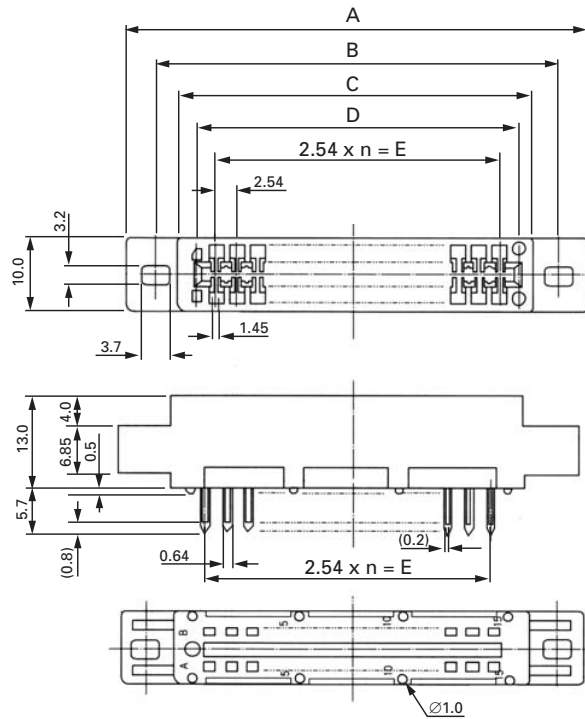
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Terminal Type:
D = Solder dip

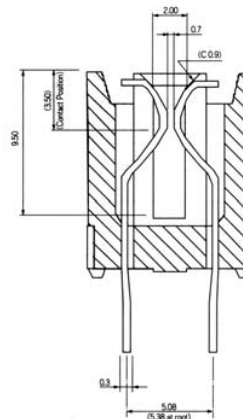
No. of Poles:
(No. of Pins = No. of Poles x 2)

Design No. (for internal use only)

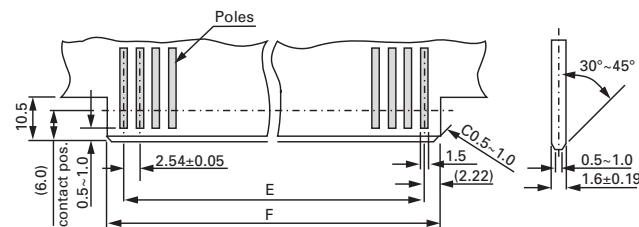
Outline Socket Dimensions



Contact Detail

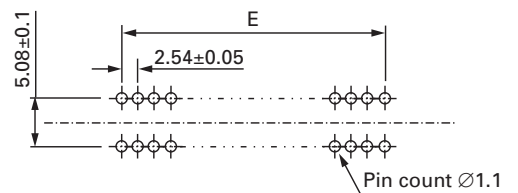


Matching PC Board Dimensions



Recommended PC Board Layout

Top View from Socket



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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Materials and Finish

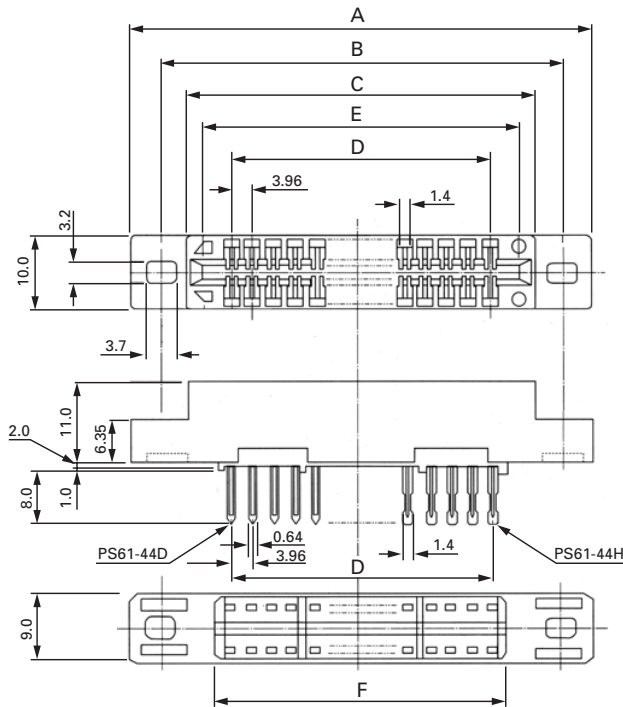
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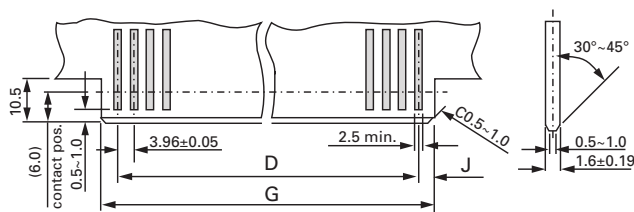
Features

- Card thickness 1.6mm
- 2 terminal types available

Outline Socket Dimensions



Matching PC Board Dimensions

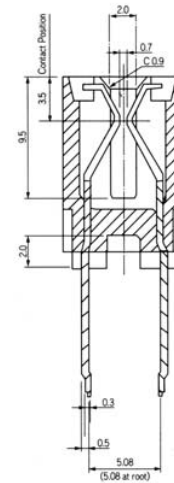


Part Number (Details)

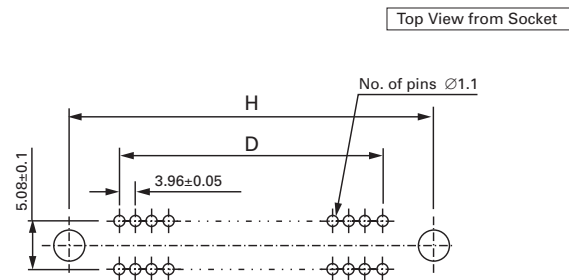
PS 61 - 44 * - 86 11

Series	PS 61
Contact Pitch:	6=3.96
Design No. (for Internal use only)	44 *
Contact Arrangement:	4=Independent contacts on both sides
Terminal Type:	D = Solder dip H = Eyelet
No. of Pins	86
Design No. (for Internal use only)	11

Contact Detail



Recommended PC Board Layout



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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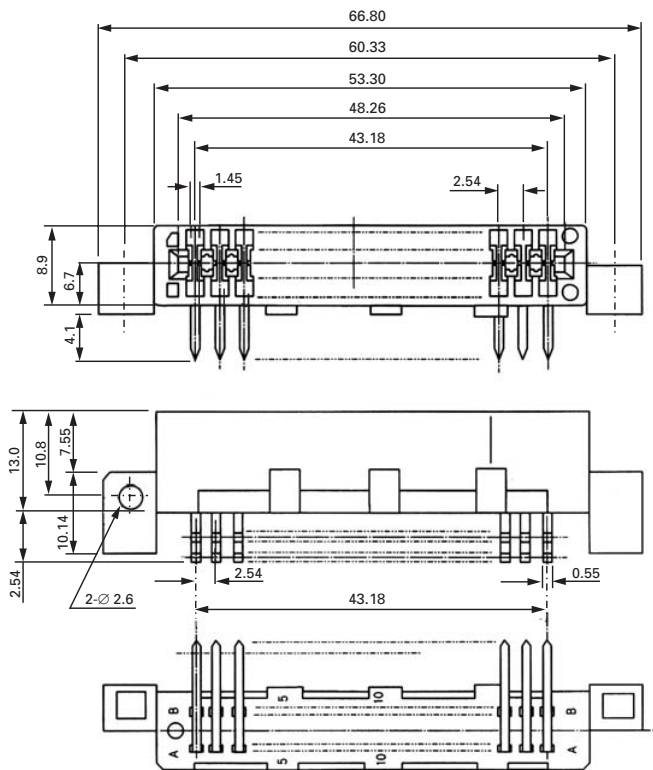
☞ Card thickness 1.6mm

Part Number (Details)

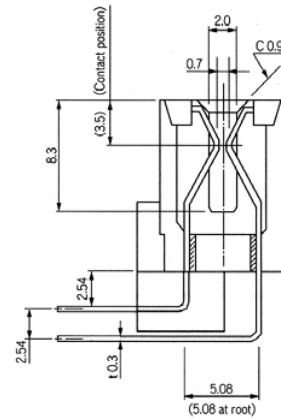
PS 43 - 44 D - 18 16

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

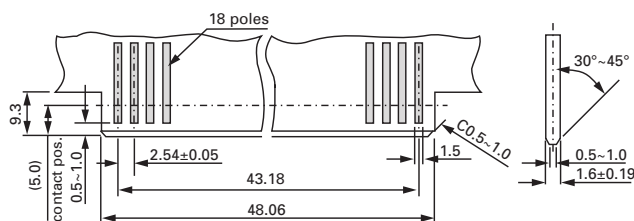
Outline Socket Dimensions



Contact Detail



Matching PC Board Dimensions



Recommended PC Board Layout

