

Pin connectors 2.54mm

Connecting Pin Ø0.47mm

Single row/double row

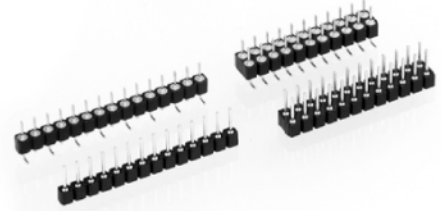
Surface mount

Series: PHD

Pin connectors SMD perpendicular mount

Technical Specs:

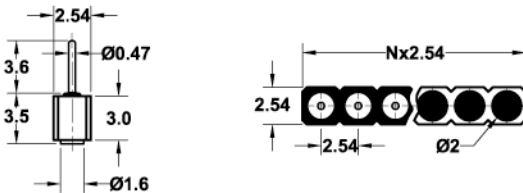
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Mating pin Ø:	0.47 mm
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V _{RMS}
Coplanarity SMD terminations:	max 0.1mm(measured on 25 mm long connectors)



Ordering information

PHD - NNN X - A P 0710A

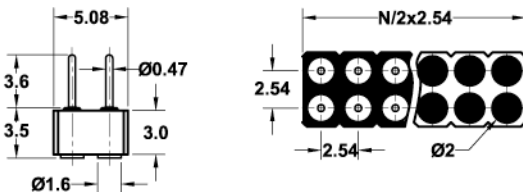
No. of Positions	Insulator Type code	Pin Plating code
	1 Single row	1 Tin150μ"
	2 Double row	2 Tin200μ"
		3 GF
		4 Gold2μ"
		5 Gold3μ"
		6 Gold10μ"
		7 Gold15μ"
		S Special



PHD-NNN1-AP0710A

SMD pin connector, low profile single row, perpendicular mount **with self-levelling floating contacts**

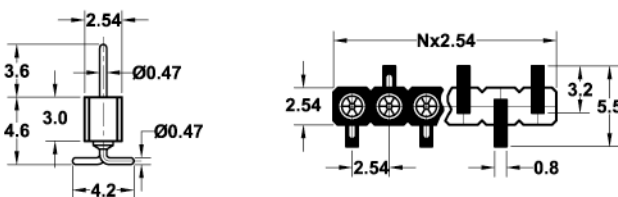
Availability from: 2 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



PHD-NNN2-AP0710A

SMD pin connector, low profile double row, perpendicular mount **with self-levelling floating contacts**

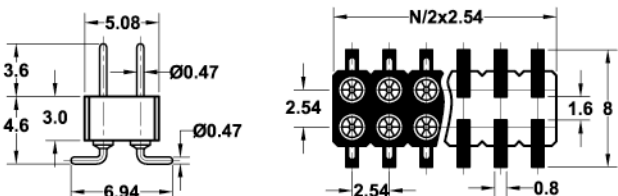
Availability from: 4 to 80 contacts
Standard number of contacts 72



PHD-NNN1-AP0980A

SMD pin connector: single row perpendicular mount with gull-wing terminations

Availability from: 3 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



PHD-NNN2-AP0980A

SMD pin connector: single row perpendicular mount with gull-wing terminations

Availability from: 4 to 80 contacts
Standard number of contacts 20, 56, 60, 64 and 72

Dual-in-line pin headers 2.54mm

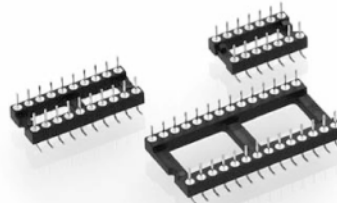
Open frame

Surface mount

Series: PHD

Specially designed for reflow soldering including vapor phase. With male contacts pluggable into standard socket contacts and gull wing terminations

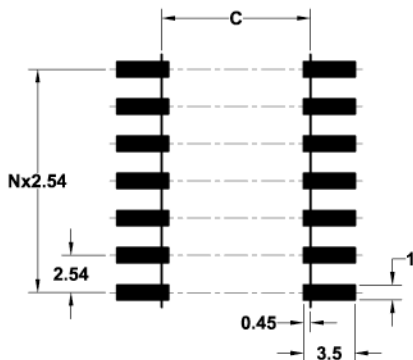
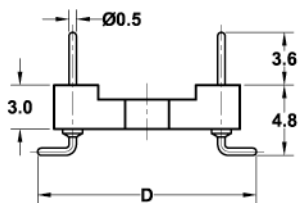
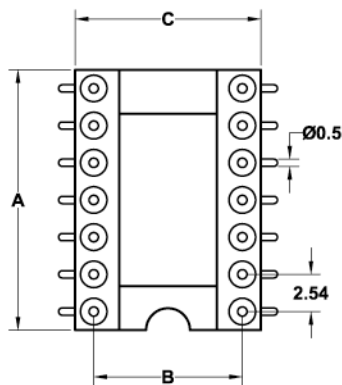
Insulator: Black glass filled polyester PPS-GF30-FR
 Flammability: UL 94V-O
 Sleeve: Brass CuZn 36pb3(36000)
 Mating pin Ø: 0.50 mm
 Mechanical life: min 100 cycles
 Rated current: 1 A
 Contact resistance: max 10 mΩ
 Dielectric strength: min 1000V_{RMS}
 Coplanarity SMD terminations: max 0.1mm



Ordering information

PHD - NNN X - B P 1020A

No. of Positions	Row spacing code	Pin Plating code
	3 7.62mm	1 Tin150μ"
	4 10.16mm	2 Tin200μ"
	6 15.24mm	3 GF
	9 22.86mm	4 Gold2μ"
		5 Gold3μ"
		6 Gold10μ"
		7 Gold15μ"
		S Special



See page 50	No. of Positions	A	B	C	D	Order Codes
fig. 1	6	7.6	7.62	10.1	12.30	PHD-0063-BP1020A
fig. 2	8	10.1	7.62	10.1	12.30	PHD-0083-BP1020A
fig. 3	10	12.6	7.62	10.1	12.30	PHD-0103-BP1020A
fig. 4	12	15.2	7.62	10.1	12.30	PHD-0123-BP1020A
fig. 5	14	17.7	7.62	10.1	12.30	PHD-0143-BP1020A
fig. 6	16	20.3	7.62	10.1	12.30	PHD-0163-BP1020A
fig. 7	18	22.8	7.62	10.1	12.30	PHD-0183-BP1020A
fig. 8	20	25.3	7.62	10.1	12.30	PHD-0203-BP1020A
fig. 9	22	27.8	7.62	10.1	12.30	PHD-0223-BP1020A
fig. 10	24	30.4	7.62	10.1	12.30	PHD-0243-BP1020A
fig. 11	28	35.5	7.62	10.1	12.30	PHD-0283-BP1020A
fig. 12	20	25.4	10.16	12.6	14.84	PHD-0204-BP1020A
fig. 13	22	27.8	10.16	12.6	14.84	PHD-0224-BP1020A
fig. 14	24	30.4	10.16	12.6	14.84	PHD-0244-BP1020A
fig. 15	28	35.5	10.16	12.6	14.84	PHD-0284-BP1020A
fig. 16	32	40.6	10.16	12.6	14.84	PHD-0324-BP1020A
fig. 17	24	30.5	15.24	17.7	19.92	PHD-0246-BP1020A
fig. 18	28	35.5	15.24	17.7	19.92	PHD-0286-BP1020A
fig. 19	32	40.6	15.24	17.7	19.92	PHD-0326-BP1020A
fig. 20	36	45.7	15.24	17.7	19.92	PHD-0366-BP1020A
fig. 21	40	50.8	15.24	17.7	19.92	PHD-0406-BP1020A
fig. 22	42	53.3	15.24	17.7	19.92	PHD-0426-BP1020A
fig. 23	48	60.9	15.24	17.7	19.92	PHD-0486-BP1020A