YUANTU ELEC

Pin headers, female headers and box headers

Shenzhen Yuantu Electronics Co., Ltd. ■ Bao'an District, Shenzhen ■ Since 2008
Catalog 2026 ■ 20 standard models ■ custom position counts from drawing

Founded	2008	**Plant**	2,620 m■
Staff	99 (66 in production)	**Pitch range**	0.8 ■?3.96 mm
Positions	2 ■?80 per row	**Plating**	Gold 3 ■?30 ■in / tin
Samples	7 ■?10 days	**MOQ**	1,000 ■?2,000 pcs

What is in this catalog

Standard models we hold tooling for, with pitch, position range, mounting type, contact and housing material, and minimum order quantity. Position counts outside these ranges are quoted from drawing. Dimensions in millimetres. Electrical ratings measured at 25 ■C ambient.

Contact

WhatsApp +86 188 2030 8034 ■ support@yuantuelec.com ■ yuantuelec.com
Samples are free of charge. RoHS declaration and lot inspection record ship with every order.

Standard models

Grouped by family. Model numbers link to the product page on the website.

Model	Family	Pitch	Rows	Positions	Mounting	Contact	Insulator	MOQ
YT-B2B-127-S	Board-to-Board	1.27	Dual	2×5 to 2×50	Straight	Brass, gold plated	LCP	1,000 pcs
YT-B2B-200-D	Board-to-Board	2.00	Dual	2×5 to 2×30	Straight	Brass, gold flash	PA6T	1,000 pcs
YT-B2B-254-R	Board-to-Board	2.54	Dual	2×5 to 2×40	Right angle	Brass, gold plated	PA6T	1,000 pcs
YT-B2B-254-S	Board-to-Board	2.54	Dual	2×5 to 2×40	Stacking	Brass, gold plated	PA6T	1,000 pcs
YT-BH254-2R	Box Headers & IDC	2.54	Dual	2×5 to 2×40	Right angle	Brass, gold plated	PA6T	2,000 pcs
YT-BH254-2S	Box Headers & IDC	2.54	Dual	2×4 to 2×40	Straight	Brass, gold plated	PA6T	2,000 pcs
YT-FH254-2x10	Female Headers	2.54	Dual	2×10 (20 pin)	Straight DIP	Phosphor bronze, gold flash	PBT	1,000 pcs
YT-FH254-2	Female Headers	2.54	Dual	2×2 to 2×40	Straight DIP	Phosphor bronze, gold plated	PA6T	1,000 pcs
YT-FH254-SMT	Female Headers	2.54	Dual	2×2 to 2×40	SMT	Phosphor bronze, gold plated	PA6T	1,000 pcs
YT-FH254-LP	Female Headers	2.54	Dual	2×2 to 2×40	Straight DIP	Phosphor bronze, gold plated	PA6T	1,000 pcs
YT-FH254-1	Female Headers	2.54	Single	1×2 to 1×40	Straight DIP	Phosphor bronze, gold plated	PA6T	1,000 pcs
YT-DC2-254	Box Headers & IDC	2.54	Dual	6 to 64	Straight	Brass, gold flash	PBT	2,000 pcs
YT-DC3-127	Box Headers & IDC	1.27	Dual	6 to 68	Straight	Brass, gold flash	PA6T	1,000 pcs
YT-DC2R-254	Box Headers & IDC	2.54	Dual	6 to 50	Right angle	Brass, gold plated	PBT	2,000 pcs
YT-DC2S-254	Box Headers & IDC	2.54	Dual	6 to 50	Straight, short latch	Brass, gold plated	PBT	2,000 pcs
YT-PH127-2	Pin Headers	1.27	Dual	2×2 to 2×50	SMT	Brass, gold plated	PA6T	2,000 pcs
YT-PH200-1	Pin Headers	2.00	Single	1×2 to 1×40	Straight	Brass, gold flash	PA6T	2,000 pcs
YT-PH254-2R	Pin Headers	2.54	Dual	2×2 to 2×40	Right angle	Brass, gold plated	PA6T	2,000 pcs
YT-PH254-2	Pin Headers	2.54	Dual	2×2 to 2×40	Straight	Brass, gold plated	PA6T	2,000 pcs
YT-PH254-1	Pin Headers	2.54	Single	1×2 to 1×40	Straight	Brass, gold plated	PA6T	2,000 pcs

Tolerances and ratings

Pin position	■0.02 mm (■0.05 mm above 50 mm body)
Housing	■0.05 mm
Insulation resistance	1,000 M■ min at 500 VDC
Withstanding voltage	500 VAC, 1 minute
Rated current	3 A per pin (1 A on IDC, 0.5 A on 1.27 mm)
Operating temperature	■?0 ■C to +105 ■C (PA6T)
Plating	Gold 3 ■?30 ■in, selective gold, or matte tin

How to order

1. Drawing review

Send pitch, positions, mounting type, plating and quantity, plus a PDF/DXF/STEP drawing if you have one. We confirm the footprint and quote, usually within one working day.

2. Tooling and samples

Molds are cut in-house. First articles in 7■?0 days for fit and insertion-force checks. Samples are free of charge.

3. Production

About 15 days after sample approval. AQL inspection before packing; lot record ships with the goods.

4. Packing and shipment

Tube as standard, tray or tape and reel on request. DHL, FedEx or sea freight. RoHS declaration included.

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