

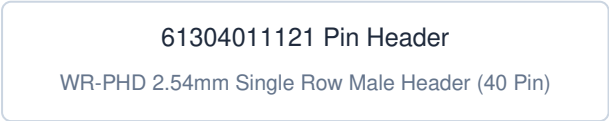
GENERAL DESCRIPTION

The **Würth Elektronik 61304011121** is a standard 2.54mm (0.100") pitch, single-row, 40-pin straight male pin header from the **WR-PHD series**. Designed for through-hole PCB mounting, it provides reliable board-to-board interconnectivity and standard break-away versatility for custom pin counts.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Manufacturer	Würth Elektronik
Part Number (MPN)	61304011121
DigiKey Part Number	732-5364-ND / 61304011121
Connector Type	Header, Male Pins
Number of Positions	40 Pins
Number of Rows	1 (Single Row)
Pitch	2.54 mm (0.100 in)
Mounting Type	Through Hole, Straight
Contact Termination	Solder
Contact Finish	Gold (Au)
Insulation Material	PBT / PA6T (UL94 V-0)

PRODUCT IMAGE



ELECTRICAL & ENVIRONMENTAL

Parameter	Rating
Current Rating	3.0 A max per contact
Working Voltage	250 V AC
Withstanding Voltage	500 V AC / 1 min
Contact Resistance	20 mΩ max
Operating Temperature	-40°C to +105°C

MECHANICAL DIMENSIONS & FEATURES

- **Overall Length:** 101.6 mm (4.00 in)
- **Pin Dimension:** Square 0.64 mm x 0.64 mm
- **Tail Length:** Standard PCB solder tail length (~3.0 mm)
- **Mating Post Height:** Standard 6.0 mm
- **Break-away Design:** Easily snap-cut to smaller pin configurations (e.g., 1x2, 1x6, 1x8, 1x16, 1x20)