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> P4S(0.4mm pitch) > Part Number > AXT414124

English (Asia Pacific)

## AXT414124 | P4S(0.4mm pitch)



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\*Photo may vary from actual product.

RoHS  
compliant

Lead Free

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Product Number AXT414124

Part Number AXT414124

Details Header

Product name [P4S\(0.4mm pitch\)](#)

Features High reliability, space saving type, 1.5 to 3.0 mm mated height

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FAQ

As of May 07, 2018

Specifications and design of the products are subject to change without notice for the product improvement.

### Spec Detail

| Item                                    | Specifications                                                                                                                                                                                                                                                                                             |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                          | AXT414124                                                                                                                                                                                                                                                                                                  |
| Part Number                             | AXT414124                                                                                                                                                                                                                                                                                                  |
| Family Name (Head of product No.)       | AXT4                                                                                                                                                                                                                                                                                                       |
| Socket/Header                           | Header                                                                                                                                                                                                                                                                                                     |
| Connector Type                          | BOARD-TO-BORAD, BOARD-TO-FPC                                                                                                                                                                                                                                                                               |
| Applications                            | <ul style="list-style-type: none"><li>• Mobile devices, such as tablet PC, note PC, digital still cameras (DSC) and digital video cameras (DVC).</li><li>• Board-to-board connection in measuring devices and industrial equipment, etc.</li><li>• Consumer equipment such as handheld terminals</li></ul> |
| Terminal pitch (mm)                     | 0.4                                                                                                                                                                                                                                                                                                        |
| Number of pins                          | 14                                                                                                                                                                                                                                                                                                         |
| Soldering terminals                     | with                                                                                                                                                                                                                                                                                                       |
| Positioning bosses                      | without                                                                                                                                                                                                                                                                                                    |
| Body length (L mm)                      | 4.70                                                                                                                                                                                                                                                                                                       |
| Body Height (H mm)                      | 1.24                                                                                                                                                                                                                                                                                                       |
| Short width                             | 2.35                                                                                                                                                                                                                                                                                                       |
| Recommended PC board pattern Width (mm) | 2.95                                                                                                                                                                                                                                                                                                       |
| Mated height (mm)                       | 1.5mm                                                                                                                                                                                                                                                                                                      |
| Molded portion material                 | LCP resin (UL94V-0)                                                                                                                                                                                                                                                                                        |
| Contact and Post Material               | Copper alloy                                                                                                                                                                                                                                                                                               |

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|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| Surface treatment material              | Base: Ni plating Surface: Au plating             |
| Rated current                           | 0.3A/pin contact (Max. 5A at total pin contacts) |
| Insulation resistance (Min.MΩ)(Initial) | 1000                                             |
| Dielectric strength                     | 150V AC for 1min.                                |
| Contact resistance (Max.mΩ)             | 90                                               |
| Insertion and removal life (times)      | 50                                               |
| Packing style                           | None EMBOSSED TAPE AND PLASTIC REEL              |
| Packing<br>Inner carton                 | 3,000 pieces (1-reel)                            |
| Packing<br>Outer carton                 | 6,000 pieces                                     |

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## The other side



|                   |                                     |
|-------------------|-------------------------------------|
| Product Number    | <b>AXT3141F4</b>                    |
| Part Number       | <b>AXT3141F4</b>                    |
| Details           | <b>Socket</b>                       |
| Mating height(mm) | <b>1.5mm</b>                        |
| Product name      | <b>P4S Shield type(0.4mm pitch)</b> |

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