

Technical Specifications for Dual-Thickness MicroMounts™

Pins

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| Length | 11, 19, 25 mm and standard 18 mm SPINE length |
| Diameter | 0.025" (0.64 mm) |
| Material | Solid 316 non-magnetic stainless steel |
| Notes | Beveled at 30 degrees at each end |

Crystal holding mount

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| Material | Polyimide (used in Kapton tape) |
| Crystal aperture sizes | 10, 20, 30, 50, 75, 100, 150, 200 μm |
| Thickness - at crystal mount | 10 μm , depending on size of crystal aperture |
| Thickness - body | 25 μm , depending on size of crystal aperture |
| Distance from center of alignment cross to center of crystal aperture | 870 μm |
| Distance from pin base to center of crystal aperture | 12.1 mm (for 11 mm pins) 20.1 mm (for 19 mm pins) 26.1 mm (for 25 mm pins) 18.5 mm (for SPINE length pins) |
| Width of wicking hole | 250 μm , compatible with Size 15 paper wicks |
| Length tolerance | 0.5 mm |