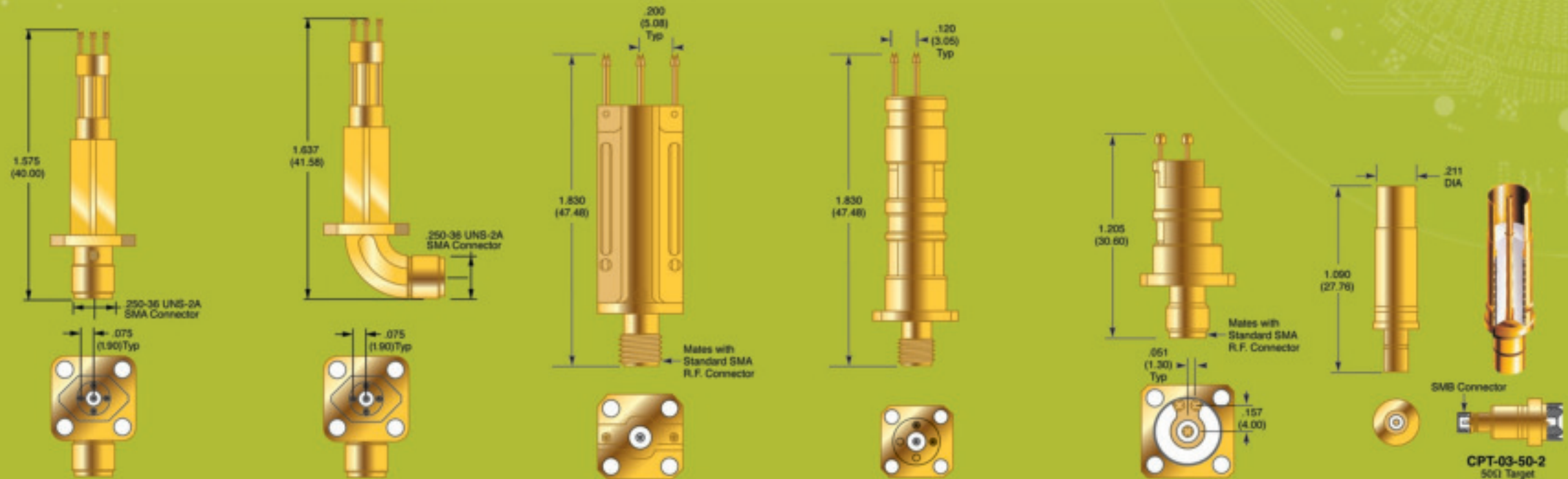


Technical Specifications High Frequency Coaxial Probes



| Product | K-50L-QG-75 | K-50L-QG-75R | K-50L | K-50L-QG | K-50H-S | CSP-03G-003 |
|-----------------------|---------------------|---------------------|-------------------|-------------------|--------------------------|--------------------------|
| Return Loss @ 1Ghz | 23.8 dB, 22.8 dB | 25.1 dB, 25.2 dB | 23.0 dB, 26.0 dB | 23.0 dB, 26.0 dB | 23.0 dB, 26.0 dB | 23.5 dB |
| Insertion Loss @ 1Ghz | .183 dB, .186 dB | .160 dB, .159 dB | .120 dB, .060 dB | .120 dB, .060 dB | .120 dB, .060 dB | .130 dB |
| VSWR @ 1Ghz | 1.14:1, 1.16:1 | 1.12:1, 1.12:1 | 1.15:1, 1.11:1 | 1.15:1, 1.11:1 | 1.15:1, 1.11:1 | 1.15:1 |
| Current Rating | 3 amps | 3 amps | 6 amps | 6 amps | 6 amps | 6 amps |
| Spring Force (ounces) | 2.8 | 2.8 | 2.7 | 2.7 | 4.0 | 4.0 |
| Spring Force (grams) | 79 | 79 | 77 | 77 | 113 | 113 |
| Reccomended Travel | .067 (1,70) | .067 (1,70) | .225 (5,72) | .225 (5,72) | .090 (2,29) | .167 (4,24) |
| Full Travel | .100 (2,54) | .100 (2,54) | .250 (6,35) | .250 (6,35) | .100 (2,54) | .250 (6,35) |
| Housing Material | Brass | Brass | Copper zinc alloy | Copper zinc alloy | Copper zinc alloy | Copper zinc alloy |
| Dielectric Material | Teflon | Teflon | Teflon | Teflon | Teflon | Teflon |
| Connection Style | SMA | SMA | SMA | SMA | SMA | SMB |
| Used With | HPA-0L, SPG-72L-005 | HPA-0L, SPG-72L-005 | SPL-01L-39 | SPL-01L-39 | SPL-01B-119, SPL-01H-116 | SPL-03G-043, SPL-03B-121 |

All numerical measurements are shown in inches and (millimeters)

