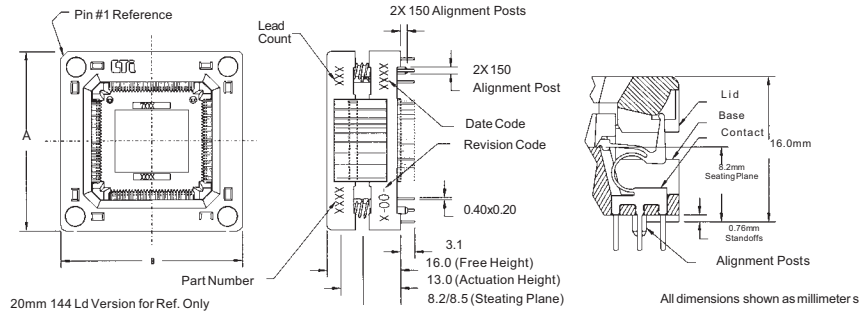


Series 7000 OTQFP & TQFP Sockets

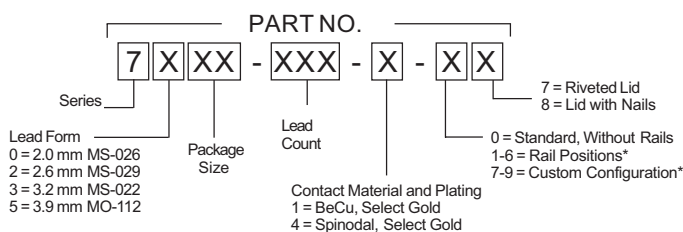
- Open Top Quad Flatpack & Thin Quad Flatpack
- Zero Insertion Force for auto load
- High normal force scrubbing contacts
- For 0.5mm pitch and higher, corner post alignment feature accommodates JEDEC package dimensions.
- Modular tooling provides maximum flexibility to meet most lead form and pin count combinations.



| Package Size | Pitch (mm) | Lead Count | Dim A X B (mm) | Standard QFP Sockets | | | TQFP Sockets |
|--------------|------------|------------|----------------|-----------------------|--------------------------------|-----------------------|--------------------------------|
| | | | | MO-112 3.9 ld form | MO-108 / MS-022 3.2 ld form | MO-143 2.6 ld form | MO-136 / MS-026 2.0 ld form |
| 7 X 7 | 0.80 | 32 | 28.3 X 28.3 | | | | |
| 7 X 7 | 0.50 | 48 | 28.3 X 28.4 | | | | 7007-032-X-07 |
| 10 X 10 | 0.80 | 44 | 29.3 X 29.3 | | | | 7007-048-X-07 |
| 10 X 10 | 0.80 | 44 | 31.3 X 31.3 | | 7310-044-X-08 | | 7010-044-X-08 |
| 10 X 10 | 0.80 | 44 | 31.3 X 31.3 | 7510-044-X-08 | | | |
| 10 X 10 | 0.65 | 52 | 29.3 X 29.3 | | | | 7010-052-X-08 |
| 10 X 10 | 0.65 | 52 | 31.3 X 31.3 | | 7310-052-X-08 | | |
| 10 X 10 | 0.65 | 52 | 31.3 X 31.3 | 7510-052-X-08 | | | |
| 10 X 10 | 0.50 | 64 | 29.3 X 29.3 | | | | 7010-064-X-08 |
| 12 X 12 | 0.50 | 80 | 35.3 X 35.3 | | | | 7012-080-X-08 |
| 14 X 14 | 0.80 | 64 | 33.3 X 33.3 | | | | 7014-064-X-08 |
| 14 X 14 | 0.80 | 64 | 35.3 X 35.3 | | 7314-064-X-08 | | |
| 14 X 14 | 0.65 | 80 | 33.3 X 33.3 | | | | 7014-080-X-08 |
| 14 X 14 | 0.65 | 80 | 35.3 X 35.3 | | 7314-080-X-08 | | |
| 14 X 14 | 0.50 | 100 | 33.3 X 33.3 | | | | 7014-100-X-08 |
| 14 X 20 | 0.65 | 100 | 32.0 X 38.0 | | | | 7042-100-X-07 |
| 14 X 20 | 0.65 | 100 | 35.3 X 41.3 | 7542-100-X-07 | 7342-100-X-07 | | |
| 14 X 20 | 0.50 | 128 | 35.3 X 41.3 | | 7342-128-X-07 | 7242-128-X-07 | 7042-128-X-07 |
| 20 X 20 | 0.65 | 112 | 39.3 X 39.3 | | | | 7020-112-X-08 |
| 20 X 20 | 0.50 | 128 | 39.3 X 39.3 | | | | 7020-128-X-48* |
| 20 X 20 | 0.50 | 144 | 39.3 X 39.3 | | | | 7020-144-X-08 |
| 24 X 24 | 0.50 | 160 | 43.3 X 43.3 | | | | 7024-160-X-58* |
| 24 X 24 | 0.50 | 176 | 43.3 X 43.3 | | | | 7024-176-X-58 * |
| 28 X 28 | 0.65 | 144 | 49.3 X 49.3 | | 7328-144-X-08 | | |
| 28 X 28 | 0.65 | 160 | 49.3 X 49.3 | 7528-160-X-08 | 7328-160-X-08 | | |
| 28 X 28 | 0.50 | 208 | 49.3 X 49.3 | | | 7228-208-X-08 | 7028-208-4-08 |

*Consult Factory for package fit

DESCRIPTION & ORDERING INFORMATION



MATERIALS & SPECIFICATIONS

- Socket Body: PEI, PPS, or Equivalent
- Contact: Spinodal or BeCu Alloy
- Contact Plating: Gold over Nickel
- Contact Normal Force: 40 grams
- Contact Resistance: 30 mΩ
- Dielectric: 1000V AC RMS for 1 minute
- Insulation Resistance: 5,000MΩ @ 100V DC
- Temperature Rating: -55°C to =150°C
- Current Rating: 1.0 Amp
- Durability: 10,000 cycles min.