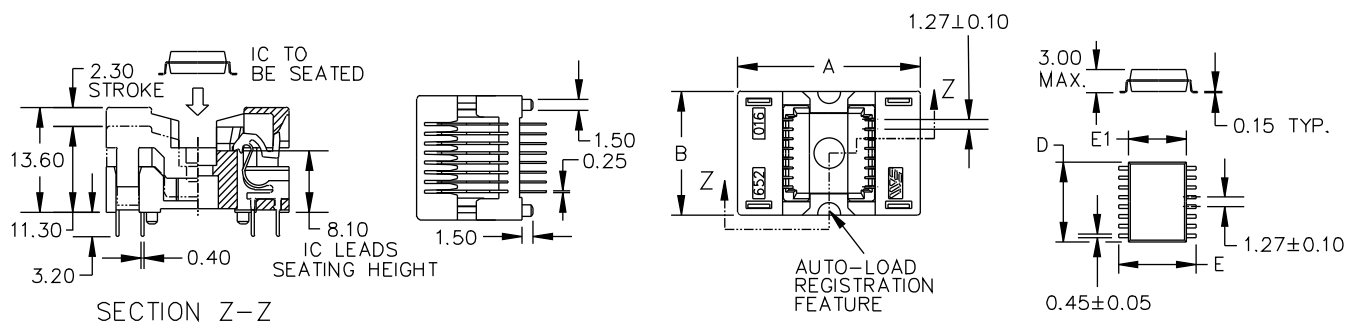
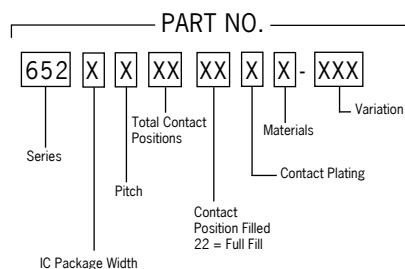


# 652 SERIES SOP ZIF SOCKET

- > Open top, Zero Insertion Force design for automatic loading
- > Compact size for high board density
- > Highly reliable, pre-loaded contacts



## DESCRIPTION & ORDERING INFORMATION



## MATERIALS & SPECIFICATIONS

- > Socket Body: PES, PEI, LCP or Equivalent
- > Contact: Beryllium Copper Alloys
- > Contact Plating: Gold over Nickel
- > Contact Normal Force: 35~45 grams
- > Contact Resistance: 50 mΩ
- > Dielectric: 600V AC for 1 minute
- > Temperature Rating: 150°C
- > Insulation Resistance: 5,000 MΩ @ 500V DC
- > Durability: 10,000 cycles min.

# 652 SERIES SOP ZIF SOCKET

| Lead Count | Pitch e (mm) | Package Dimensions (mm) |                     |            | Part Number       | Socket Dimensions (mm) |           |
|------------|--------------|-------------------------|---------------------|------------|-------------------|------------------------|-----------|
|            |              | Width (E1)              | Lead Tip to Tip (E) | Length (D) |                   | Length (A)             | Width (B) |
| 8          | 1.27         | 4.40                    | 6.40                | 5.4 max    | 652B0082211       | 20.75                  | 12.37     |
| 8          | 1.27         | 5.00                    | 6.80                | 5.4 max    | 652B0082211-001   | 20.75                  | 12.37     |
| 8          | 1.27         | 3.90                    | 6.00                | 5.4 max    | 652B0082211-002   | 20.75                  | 12.37     |
| 8          | 1.27         | 4.40                    | 6.40                | 5.35 max   | 652B0082211-003   | 20.75                  | 12.37     |
| 8          | 1.27         | 5.23                    | 8.00                | 5.23       | * 652C0082211W    | 17.20                  | 12.80     |
| 8          | 1.27         | 5.30                    | 7.90                | 5.30       | * 652C0082211W003 | 17.20                  | 12.80     |
| 14         | 1.27         | 4.40                    | 6.40                | 10.48 max  | 652B0142211       | 20.75                  | 16.18     |
| 14         | 1.27         | 5.00                    | 6.80                | 10.48 max  | 652B0142211-001   | 20.75                  | 16.18     |
| 14         | 1.27         | 3.90                    | 6.00                | 10.48 max  | 652B0142211-002   | 20.75                  | 16.18     |
| 16         | 1.27         | 4.40                    | 6.40                | 10.48 max  | 652B0162211       | 20.75                  | 17.45     |
| 16         | 1.27         | 5.00                    | 6.80                | 10.48 max  | 652B0162211-001   | 20.75                  | 17.45     |
| 16         | 1.27         | 3.90                    | 6.00                | 10.48 max  | 652B0162211-002   | 20.75                  | 17.45     |
| 16         | 1.27         | 3.90                    | 6.00                | 10.48 max  | 652B0162211E002   | 20.75                  | 17.45     |
| 16         | 1.27         | 7.60                    | 10.20               | 10.5 max   | 652-0162211-001   | 24.00                  | 16.32     |
| 16         | 1.27         | 7.60                    | 10.20               | 10.5 max   | 652-0162211E001   | 24.00                  | 16.32     |
| 16         | 1.27         | 7.50                    | 10.40               | 10.5 max   | 652D0162211-202   | 24.30                  | 16.32     |
| 16         | 1.27         | 7.50                    | 10.30               | 10.45 max  | 652D0162211E202   | 24.30                  | 16.32     |
| 18         | 1.27         | 7.55                    | 10.40               | 12 max     | 652D0201811-001   | 24.30                  | 18.86     |
| 18         | 1.27         | 8.80                    | 11.83               | 12.3 max   | 652E0182211       | 25.90                  | 18.05     |
| 20         | 1.27         | 7.55                    | 10.40               | 13.11 max  | 652D0202211       | 24.30                  | 18.86     |
| 20         | 1.27         | 7.55                    | 10.40               | 13.11 max  | 652D0202211-001   | 24.30                  | 18.86     |
| 20         | 1.27         | 7.50                    | 10.30               | 12.8 max   | 652D0202211-002   | 24.30                  | 18.86     |
| 20         | 1.27         | 7.50                    | 10.30               | 12.8 max   | 652D0202211-202   | 24.30                  | 18.86     |
| 24         | 1.27         | 7.60                    | 10.20               | 15.6 max   | 652-0242211       | 24.00                  | 21.40     |
| 24         | 1.27         | 7.60                    | 10.20               | 15.6 max   | 652-0242211E      | 24.00                  | 21.40     |
| 24         | 1.27         | 7.60                    | 10.20               | 15.6 max   | 652-0242211-001   | 24.00                  | 21.40     |
| 24         | 1.27         | 7.60                    | 10.20               | 15.6 max   | 652-0242211E001   | 24.00                  | 21.40     |
| 24         | 1.27         | 7.55                    | 10.47               | 15.65 max  | 652D0242211       | 24.30                  | 21.40     |
| 24         | 1.27         | 7.55                    | 10.31               | 15.65 max  | 652D0242211-002   | 24.30                  | 21.40     |
| 28         | 1.27         | 7.55                    | 10.47               | 18.19 max  | 652D0282211       | 24.30                  | 23.94     |
| 28         | 1.27         | 7.55                    | 10.30               | 18.20 max  | 652D0282211-001   | 24.30                  | 23.94     |
| 28         | 1.27         | 7.50                    | 10.30               | 18.05 max  | 652D0282211-002   | 24.30                  | 23.94     |
| 28         | 1.27         | 7.50                    | 10.30               | 18.05 max  | 652D0282211-202   | 24.30                  | 23.94     |
| 28         | 1.27         | 7.50                    | 10.30               | 18.05 max  | 652D0282211E202   | 24.30                  | 23.94     |
| 28         | 1.27         | 8.40                    | 11.83               | 18.65 max  | 652E0282211       | 25.90                  | 24.40     |
| 28         | 1.27         | 8.40                    | 11.80               | 18.75 max  | 652E0282211-001   | 25.90                  | 24.40     |
| 28         | 1.27         | 8.40                    | 11.83               | 18.65 max  | 652E0282211-002   | 25.90                  | 24.40     |
| 32         | 1.27         | 7.55                    | 10.57               | 20.73 max  | 652D0322211       | 24.30                  | 26.48     |
| 32         | 1.27         | 7.55                    | 10.57               | 20.73 max  | 652D0322211-001   | 24.30                  | 26.48     |
| 32         | 1.27         | 7.51                    | 10.47               | 20.88 max  | * 652D0322211W    | 18.50                  | 26.30     |
| 32         | 1.27         | 11.00                   | 14.04               | 20.85 max  | 652F0322211       | 28.00                  | 26.50     |
| 40         | 1.27         | 10.70                   | 14.04               | 26.15 max  | 652F0402211       | 28.00                  | 31.58     |
| 40         | 1.27         | 10.70                   | 14.04               | 26.15 max  | 652F0402211-001   | 28.00                  | 31.58     |
| 44         | 1.27         | 12.60                   | 16.04               | 28.5 max   | 652G0442211       | 30.00                  | 34.30     |
| 44         | 1.27         | 12.60                   | 16.04               | 28.5 max   | 652G0442211-001   | 30.00                  | 34.30     |
| 44         | 1.27         | 12.60                   | 16.04               | 28.5 max   | 652G0442211-002   | 30.00                  | 34.30     |

\* Dual Contact Points