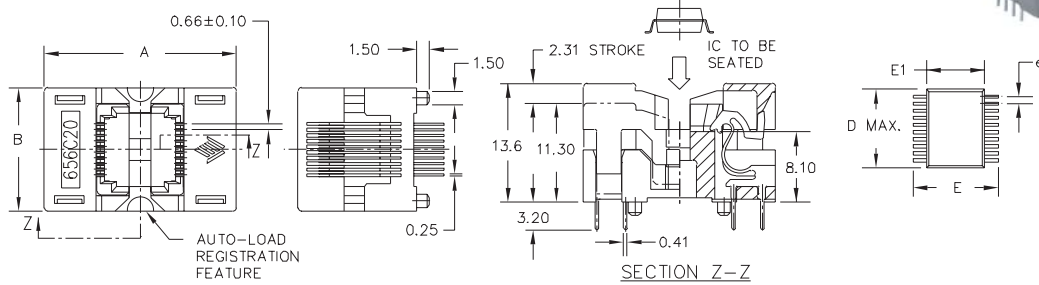


## Series 656 SSOP ZIF Socket

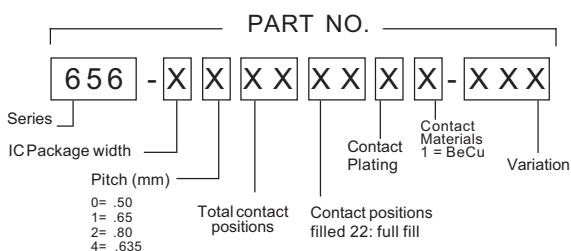
- Open top, Zero Insertion Force design for automatic loading
- Compact size for high board density
- Highly reliable, pre-loaded contacts
- Accommodate pitch sizes 0.50, 0.635, 0.65, and 0.80mm



| 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          | 0.65         | 3.00                    | 4.90                | 3.00       | 656-1082211     | 18.80                  | 9.00      |
| 10         | 0.50         | 3.00                    | 4.88                | 2.97       | 656-0102211     | 24.60                  | 7.75      |
| 16         | 0.65         | 5.30                    | 7.80                | 6.20       | 656C116221X     | 22.00                  | 12.90     |
| 16         | 0.65         | 5.30                    | 7.80                | 6.20       | 656C116221X-001 | 22.00                  | 12.90     |
| 20         | 0.65         | 5.30                    | 7.80                | 7.20       | 656C120221X     | 22.00                  | 14.20     |
| 20         | 0.65         | 5.30                    | 7.80                | 7.20       | 656C120221X-001 | 22.00                  | 14.20     |
| 20(depop)  | 0.635        | 3.90                    | 6.00                | 8.65       | 656-424201X     | 20.10                  | 14.55     |
| 20(depop)  | 0.635        | 3.90                    | 6.00                | 8.65       | 656-424201X-001 | 20.10                  | 14.55     |
| 24         | 0.65         | 5.30                    | 7.80                | 8.20       | 656C124221X     | 22.00                  | 15.50     |
| 24         | 0.65         | 5.30                    | 7.80                | 8.20       | 656C124221X-001 | 22.00                  | 15.50     |
| 24         | 0.635        | 3.90                    | 6.00                | 8.65       | 656-424221X     | 20.10                  | 14.55     |
| 24         | 0.635        | 3.90                    | 6.00                | 8.65       | 656-424221X-001 | 20.10                  | 14.55     |
| 28         | 0.65         | 6.10                    | 8.10                | 7.80       | 656S132281X     | 22.30                  | 18.10     |
| 30         | 0.50         | 4.40                    | 6.40                | 9.70       | 656J0302212     | 15.70                  | 14.70     |
| 32         | 0.65         | 6.10                    | 8.10                | 11.00      | 656S132221X     | 22.30                  | 18.10     |
| 32         | 0.80         | 5.30                    | 7.80                | 14.50      | 656C232221X     | 22.00                  | 20.35     |
| 36(depop)  | 0.80         | 7.52                    | 10.31               | 15.84      | 656D244361X-010 | 24.40                  | 24.00     |
| 38         | 0.50         | 4.40                    | 6.40                | 9.70       | 656J0382212     | 15.70                  | 14.70     |
| 44         | 0.80         | 7.50                    | 10.35               | 17.90      | 656D244221X     | 24.40                  | 24.00     |
| 44         | 0.80         | 7.50                    | 10.35               | 17.90      | 656d244221x-001 | 24.40                  | 24.00     |
| 48(depop)  | 0.50         | 6.20                    | 8.10                | 12.70      | * 656K0564811   | 28.20                  | 20.00     |
| 56         | 0.50         | 6.20                    | 8.10                | 14.00      | * 656K0562211   | 28.20                  | 20.00     |
| 56         | 0.80         | 13.30                   | 16.00               | 23.85      | * 656-2562211   | 24.10                  | 28.00     |

\* Dual Contact Pinch

### DESCRIPTION & ORDERING INFORMATION



### MATERIALS & SPECIFICATIONS

- Socket Body: PES, PEI, LCP or Equivalent
- Contact: Beryllium Copper or Titanium Copper Alloys
- Contact Plating: Gold over Nickel
- Contact Normal Force: 35 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.