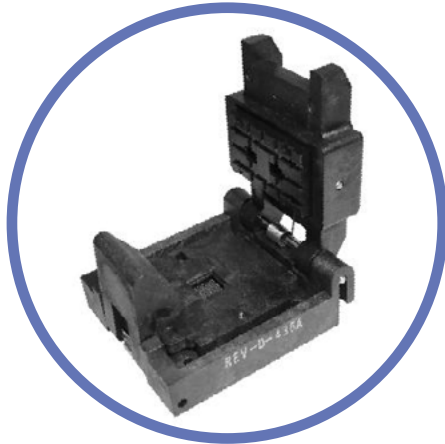


| 718 SERIES

CLAMSHELL FOR CSP/BGA PACKAGES



Features

- Clamshell design, compression surface mount
- Spring and probe contact
- Pointed probe maintains continuous contact to PCB
- Spring loaded pressure pad and locator plate
- Multi-site options are available
- Any pitch or pitch combination .4mm and greater
- Threaded inserts available
- Available with high performance pin



SPECIFICATIONS

Materials and Specifications

| | |
|---------------------------|---|
| Body Materials | PEI, PES, or Equivalent |
| Contact Material | Beryllium Copper Alloy |
| Contact Plating | Gold over Nickel |
| Contact Force | 12-15 grams average |
| Contact Resistance | 350 mΩ typical |
| Temperature Rating | Burn-in 125°C Higher Temperatures, consult factory |
| Durability | 10,000 cycles min. |

| Pitch e (mm) | Maximum Lead Count | Minimum Body Size | Maximum Body Size | Maximum Matrix |
|--------------|--------------------|-------------------|-------------------|----------------|
| 0.50 | 484 | 1 x 1* | 16 x 14 | 22 x 22 |
| 0.65 | 441 | 1 x 1* | 16 x 14 | 21 x 21 |
| 1.00 | 121 | 1 x 1* | 16 x 14 | 11 x 11 |

* For package size less than 1 x 1, consult factory
For all other pitches, see next page

| Pitch e (mm) | Package Size (mm) | Matrix | Part Number |
|--------------|-------------------|--------|----------------------|
| 0.50 | 0.9X0.9 | 2X2 | 718-00401L504-XX |
| | 1.40X0.90 | 3X2 | 718-00601W504-XX |
| | 1.57X1.09 | 3X2 | 718-00601V504-XX |
| | 1.90X0.90 | 4X2 | 718-00801F504-XX |
| | 1.90X1.40 | 4X3 | 718-01201Y504-XX |
| | 2X2 | 4X4 | 718-01602-5XX-XX |
| | 2X2.5 | 4X3 | 718-01202L504-XX |
| | 2.5X2.5 | 4X4 | 718-01502A-5XX-XX |
| | 2.51X1.51 | 5X3 | 718-01502F504-XX-01 |
| | 2.64X2.56 | 5X5 | 718-02502A502-XX |
| | 2.98X2.47 | 6X5 | 718-03002M504-XX |
| | 3X2.5 | 5X4 | 718-02003F504-XX |
| | 3.36X3.36 | 6X6 | 718-03203B5XX-XX-01* |
| | 3.5X3.5 | 6X6 | 718-03603C504-XX |
| | 3.57X3.57 | 6X6 | 718-03303HS04-XX-01 |
| | 3.97X3.97 | 8X8 | 718-06403E504-XX-01 |
| | 4X4 | 4X4 | 718-01604-9XX-XX |
| | 4X4 | 7X7 | 718-048004-5XX-XX |
| | 4X4 | 7X7 | 718-04904-5XX-XX |
| | 4.27X4.27 | 7X7 | 718-04804C5XX-XX |
| | 4.35X4.2 | 7X7 | 718-04704A5XX-XX |
| | 4.42X4.42 | 8X8 | 718-06304D5XX-XX-01 |
| | 4.5X4.5 | 8X8 | 718-06004HS04-XX |
| | 4.76X3.41 | 8X5 | 718-04004F504-XX-02 |
| | 4.88X3.53 | 8X5 | 718-04004J504-XX-S1 |
| | 5X5 | 9X9 | 718-04805-504-XX |
| | 5X5 | 9X9 | 718-05705-504-XX |
| | 5X5 | 9X9 | 718-05705-504-XX-01 |
| | 5X5 | 9X9 | 718-05705-504-XX-02 |
| | 5X5 | 8X8 | 718-06405-5XX-XX |
| | 5X5 | 9X9 | 718-08005-5XX-XX |
| | 5X5 | 9X9 | 718-08005-504-XX |
| | 5X5 | 9X9 | 718-08105-5XX-XX |
| | 5.07X3.06 | 9X5 | 718-04205CXX-XX-01 |
| | 5.5X5.5 | 10X10 | 718-08705E504-XX |
| | 5.81X5.56 | 10X10 | 718-09305K504-XX |
| | 5.8X5.4 | 11X10 | 718-08806L504-XX-01 |

| Pitch e (mm) | Package Size (mm) | Matrix | Part Number |
|--------------|-------------------|------------------|---------------------|
| 0.50 | 5.9X5.1 | 10X8 | 718-07205J504-XX |
| | 6X3.5 | 10X6 | 718-05606K50X-XX |
| | 6X5 | 11X6 | 718-04806G504-XX |
| | 6X5 | 11X6 | 718-04806G504-XX |
| | 6X6 | 9X9 | 718-04906-5XX-XX |
| | 6X6 | 10X10 | 718-05606-5XX-XX |
| | 6X6 | 10X10 | 718-06406-5XX-XX |
| | 6X6 | 8X8 | 718-06406-5XX-XX |
| | 6X6 | 10X10 | 718-06806-504-XX-01 |
| | 6X6 | 10X10 | 718-08006-5XX-XX-01 |
| | 6X6 | 10X10 | 718-08406-5XX-XX |
| | 6X6 | 10X10 | 718-08406-504XX-01 |
| | 6X6 | 10X10 | 718-08406-50X-XX |
| | 6X6 | 11X11 | 718-08806-5XXXX |
| | 6X6 | 10X10 | 718-08806-504-XX-01 |
| | 6X6 | 11X11 | 718-09606-5MM |
| | 6X6 | 11X11 | 718-10406-5J00(X-01 |
| | 6X6 | 11X11 | 718-10506-5XX-XX |
| | 6X6 | 11X11 | 718-11106-5XX-XX |
| | 6X8 | 14X8 | 718-04408A504-XX |
| | 6.29X10.53 | 4X10 | 718-04010A-502-XX |
| | 7X7 | 11X11 | 718-07207-502XX |
| | 7X7 | 11X11 | 718-07207-504XX |
| | 7X7 | 12X12 | 718-08407-502XX |
| | 7X7 | 13X13 | 718-08807-5XX-XX |
| | 7X7 | 12X12 | 718-10007-5XX-XX-01 |
| | 7X7 | 12X12 | 718-10007-504-XX-01 |
| | 7X7 | 12X12 | 718-10807-5XXXX |
| | 7X7 | 12X12 | 718-10807-504-XX-01 |
| | 7X7 | 12X12 | 718-10807-504XX-01 |
| | 7X7 | 12X12 | 718-11207-504-XX-01 |
| | 7X7 | 12X12 | 718-12007-504-XX-01 |
| | 7X7 | 11X11 | 718-12107-504XX |
| | 7X7 | 12X12 | 718-14307-502-XX |
| | 7X7 | 12X12 | 718-14407-504XX |
| | 7X7 | 13X13 | 718-14407-504-XX |
| 7X7 | 12X12 | 718-14407-504XX | |
| 7.06X3.25 | 8X6 | 718-04807B5XX-XX | |

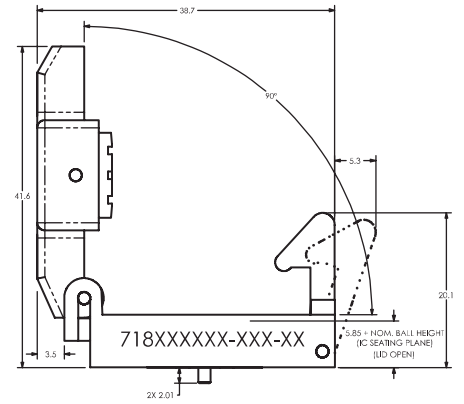
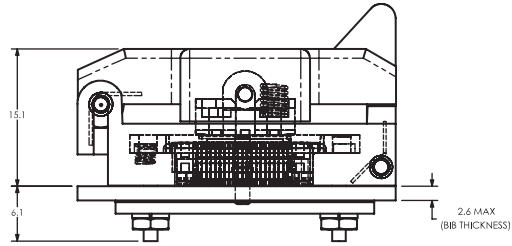
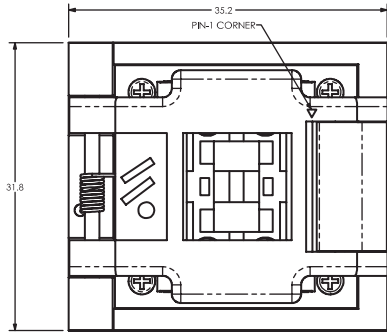
| Pitch e (mm) | Package Size (mm) | Matrix | Part Number |
|--------------|-------------------|--------|----------------------|
| 0.50 | 8X8 | 14X14 | 718-10008-504XX |
| | 8X8 | 14X14 | 718-10808-5XX-XX |
| | 8X8 | 14X14 | 718-10808-5XX-XX |
| | 8X8 | 14X14 | 718-11608-5XX-XX |
| | 8X8 | 13X13 | 718-12808-502-XX |
| | 8X8 | 14X14 | 718-13208-504XX-01 |
| | 8X8 | 14X14 | 718-14408-502-XX |
| | 8X8 | 14X14 | 718-14408-5XXX-01 |
| | 8X8 | 14X14 | 718-14408-504-XX-01 |
| | 8X8 | 14X14 | 718-15208-504XX |
| | 8X8 | 14X14 | 718-15908-5XX-XX |
| | 8X8 | 15X15 | 718-16108-504-XX |
| | 8X8 | 14X14 | 718-16408-504-XX-01 |
| | 8X8 | 13X13 | 718-16908-504XX |
| | 8X8 | 15X15 | 718-17608-5XX-XX |
| | 8X8 | 14X14 | 718-19608-502-XX |
| | 8X8 | 14X14 | 718-19608-504XX-01 |
| | 8X8 | 15X15 | 718-22508-5XX-XX-01 |
| | 8.5X8 | 16X15 | 718-24008E504-XX |
| | 8.5X8.5 | 16X16 | 718-19208D5044-XX |
| | 8.5X8.5 | 16X16 | 718-25608D504-XX-01 |
| | 9X9 | 16X16 | 718-17608-5044-XX-01 |
| | 9X9 | 16X16 | 718-17609-504-XX-02 |
| | 9X9 | 17X17 | 718-18809-5XX-XX |
| | 9X9 | 16X16 | 718-18809-5XX-XX |
| | 9X9 | 16X16 | 718-18809-504-XX-01 |
| | 9X9 | 16X16 | 718-19209-504-XX |
| | 9X9 | 16X16 | 718-25609-5044-XX-01 |
| | 9X9 | 17X17 | 718-28809-504-XX |
| | 10.53X6.29 | 10X4 | 718-04010A5XX-XX-01 |
| | 10.9X10.1 | 19X19 | 718-28111A5XX-XX-01 |
| | 10X10 | 17X17 | 718-18110-5XX-XX |
| | 10X10 | 18X18 | 718-18410-5XX-XX |
| | 10X10 | 18X18 | 718-20810-5044-XX-01 |
| | 10X10 | 18X18 | 718-24010-504-XX-01 |
| | 10X10 | 18X18 | 718-24510-5044-XX-01 |
| | 10X8 | 14X10 | 718-05610D5044-XX |
| | 11X11 | 17X17 | 718-24011-5XX-XX-01 |

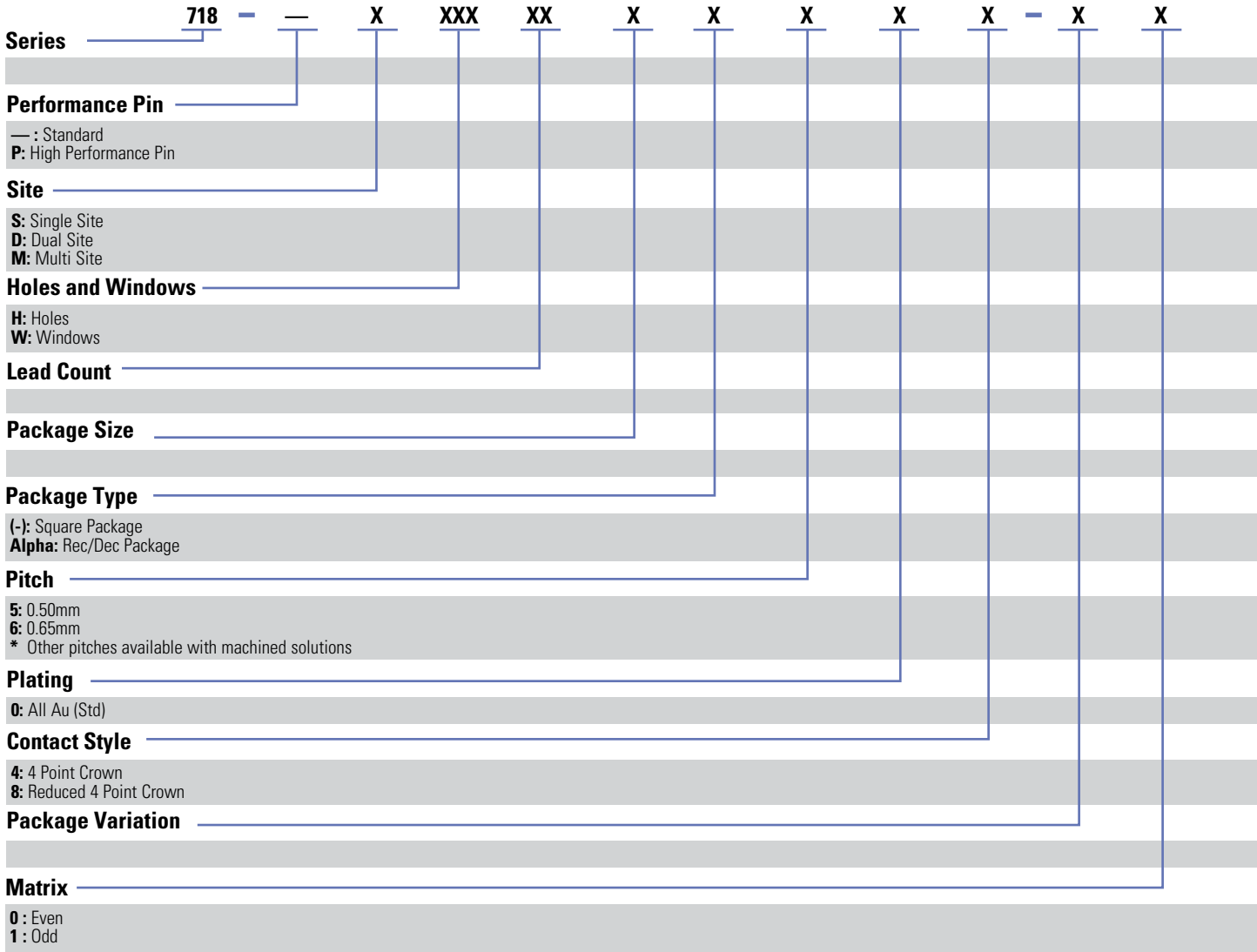
| Pitch e (mm) | Package Size (mm) | Matrix | Part Number |
|--------------|-------------------|------------|----------------------|
| 0.50 | 11X11 | 20X20 | 718-25611-5XX-XX |
| | 12.5X7 | 24X13 | 718-22812A5XX-XX-01 |
| | 12X12 | 22X22 | 718-22812-5XX-XX |
| | 12X12 | 21X21 | 718-24412-XXX-XX |
| | 12X12 | 22X22 | 718-27212-5044-XX-01 |
| | 12X12 | 22X22 | 718-27612-500-XX |
| | 12X12 | 19X19 | 718-28812-5XX-XX-01 |
| | 12X12 | 22X22 | 718-29112-5044-XX-01 |
| | 12X12 | 22X22 | 718-32412-5044-XX |
| | 12X12 | 22X22 | 718-34412-504-XX-01 |
| | 13X13 | 22X22 | 718-30013-502-XX |
| | 13X13 | 23X23 | 718-31613-5044-XX-01 |
| 0.65 | 12X12 | 17X17 | 718-20812-604-XX-01 |
| | 12X12 | 17X17 | 718-28912-604-XX-01 |
| | 12X12 | 18X18 | 718-30012-6044-XX-01 |
| | 13X13 | 18X18 | 718-24813-604-XX-01 |
| | 13X13 | 19X19 | 718-28013-6XX-XX |
| | 13X13 | 19X19 | 718-28013-6044-XX-02 |
| | 14X12 | 20X17 | 718-19014C604-XX |
| | 10X4.5 | 14X6 | 718-08310A6XX-XX |
| | 5X5 | 7X7 | 718-04905-6XX-XX |
| | 5X5 | 7X7 | 718-04905-6XX-XX |
| | 6X6 | 8X8 | 718-06406-6044-XX-01 |
| | 8X8 | 11X11 | 718-09608-604-XX |
| | 8X8 | 11X11 | 718-09608-604-XX-01 |
| | 8X8 | 11X11 | 718-12108-6XX-XX |
| | 1.00 | 11.63X8.38 | 11X8 |
| 12X10 | | 10X8 | 718-08012D9044-XX |
| 7X4.5 | | 5X3 | 718-01407A9044-XX |
| 8.46X6.27 | | 7X5 | 718-02108A9XX-XX |



DIMENSIONS AND DIAGRAMS

Dimensions in mm (inches)





Revised 02/06/18

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