

BB02-CQ :- 1.27mm x 1.27mm (0.05" x 0.05") BTB SOCKET, DUAL ROW, STRAIGHT, SMD TYPE - 04 to 80 CONTACTS, DUAL ENTRY

SPECIFICATIONS

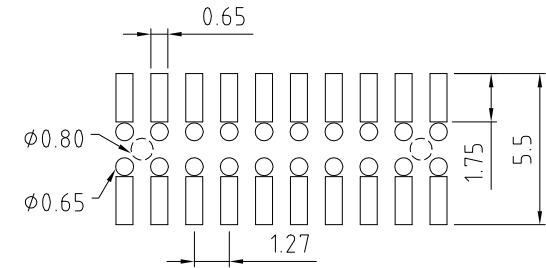
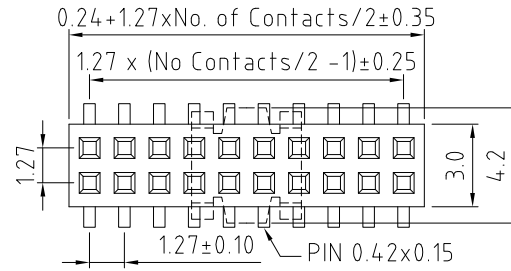
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|-------------------------|-------------------------|
| CURRENT RATING | 1 AMP |
| INSULATOR RESISTANCE | 1000 MEGOHMS MIN. |
| CONTACTS RESISTANCE | 20m OHMS MAX. |
| DIELECTRIC WITHSTANDING | AC 300 V |
| OPERATING TEMPERATURE | -40°C TO +105°C |
| CONTACT MATERIAL | PHOSPHOR BRONZE |
| INSULATOR MATERIAL | THERMOPLASTIC, UL 94V-0 |
| | STANDARD: LCP + 30% G/F |

PLATING GOLD OR TIN OVER 30~50U" NICKEL
 SOLDERABILITY: IR REFLOW: 280°C FOR 10 SEC
 MANUAL SOLDER: 380°C FOR 3-5 SEC

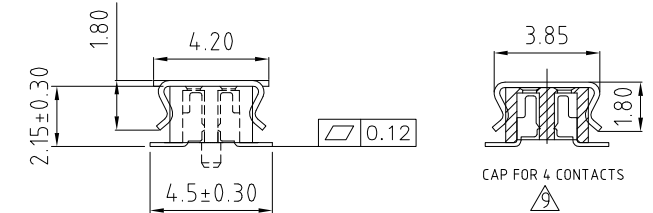
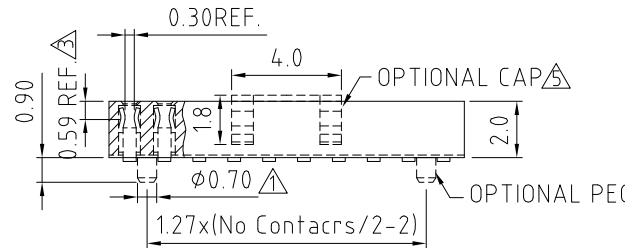
NOTES:

1. RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 1.5MM

MATES WITH:- BB02-BC BB02-BD
 BB02-BK BB02-BP



BOTTOM ENTRY TYPE
 RECOMMENDED PC BOARD HOLE LAYOUT



HOW TO ORDER

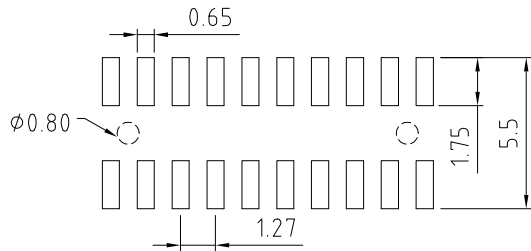


NO. OF CONTACTS
 04 TO 80

CONTACT PLATING OPTIONS
 K = GOLD FLASH (STANDARD)
 A = 10U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 B = 15U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
 T = BRIGHT TIN
 M = MATT TIN

PACKAGING OPTIONS
 3 - TUBE
 5 - TUBE + CAP
 6 - T & R
 8 - T & R + CAP

WITH OR WITHOUT LOCATING PEGS
 0 = WITH (MIN. 6 PINS)
 1 = WITHOUT



TOP ENTRY TYPE
 RECOMMENDED PCB HOLE LAYOUT
 (TOLERANCE: ±0.05)

| | |
|-------------------|---------------------------|
| REV. DATE & DRN | 10 11/02/05 - NYW RELEASE |
| 11 14/07/05 - NYW | AMEND NO. OF CONTACTS |
| 12 19/07/06 - NYW | AMEND LOCATING PEG |
| 13 09/03/06 - NYW | AMEND PCB LAYOUT |
| 14 20/07/06 - NYW | AMEND PACK OPTIONS |
| 15 26/09/06 - NYW | AMEND MAX PINS TO 80 |
| 16 18/05/07 - GHC | REMOVE SELECTIVE GOLD |
| 17 24/01/08 - NYW | ADD PCB HOLE LAYOUT |
| 18 21/05/08 - NYW | REMOVE CAP OPTION |
| 19 16/12/08 - GHC | ADD CONTACT DISTANCE |
| 20 22/12/09 - NYW | DRAWING MODIFICATION |
| | ADD FILM DRAWING |
| | ADD REMOVE FILM ADD CAP |
| | ADD NOTES 1. |
| | PLATING MODIFICATION |
| | ADD MATT TIN PLATING |
| | ADD 4 CONTACTS |
| | AMEND DIMENSIONS |
| | AMEND LOCATING PEG |
| | ADD CAP FOR 4 CONTACTS |
| | CHANGE INSULATOR TO LCP |

| | | | |
|------------------|---------------|---|----------------------|
| Scale: 5:1 | THIRD ANGLE | Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10 | Material SEE NOTE |
| Drawn: CHC | | | |
| App'd: XXXX | Title SOCKET | | NOT TO SCALE |
| Date: 22 DEC '09 | Revision: 2.0 | | UNIT: mm |

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|---------------------|
| Type: BB02-CQ |
| BB02-CQ |
| Drawing Number: |
| Sheet 1 of 1 |
| Drawing © E and O E |