BB02-CQ	CUSTOMER PRODUCT SPECIFICATION SHEET	RoHS Compliant

BB02-CQ :- 1.27mm x 1.27mm (0.05" x 0.05") BTB SOCKET, DUAL ROW, STRAIGHT, SMD TYPE - 04 to 60 CONTACTS, DUAL ENTRY

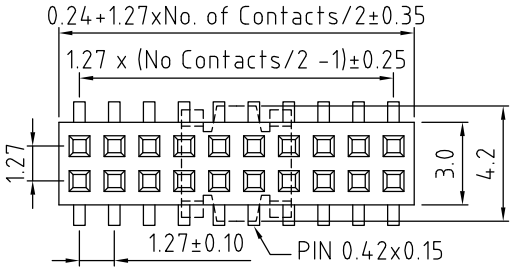
SPECIFICATIONS

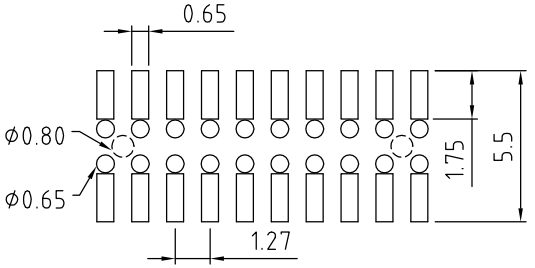
CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
CONTACTS RESISTANCE	20m OHMS MAX.
DIELECTRIC WITHSTANDING	AC 300 V
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	PHOSPHOR BRONZE
INSULATOR MATERIAL	THERMOPLASTIC, UL 94V-0
	STANDARD: LCP + 30% G/F
PLATING	GOLD OR TIN OVER 30~50U" NICKEL
SOLDERABILITY:	IR REFLOW: 280°C FOR 10 SEC
	MANUAL SOLDER: 380°C FOR 3-5 SEC

NOTES:

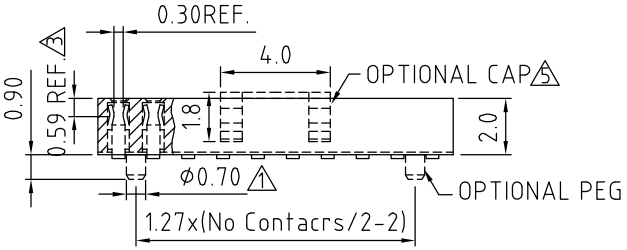
1. RECOMMENDED MATING PIN LENGTH FROM TOP ENTRY IS 1.5MM (6)

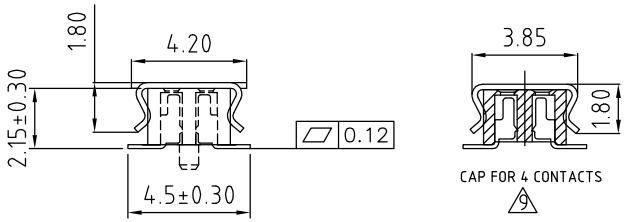
MATES WITH:- BB02-BC, BB02-BD, BB02-BK, BB02-BP, BB02-BS, BB02-NE

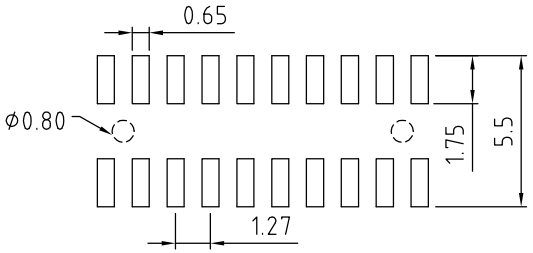




BOTTOM ENTRY TYPE
RECOMMENDED PC BOARD HOLE LAYOUT







TOP ENTRY TYPE
RECOMMENDED PCB HOLE LAYOUT (1) (2)
(TOLERANCE: ±0.05)

HOW TO ORDER

B	B	0	2	-	C	Q	X	X	2	-	X	0	X	-	X	0	0	0	0	0

(1) (2) (9) NO. OF CONTACTS
04 TO 60

CONTACT PLATING OPTIONS: (2)
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: (1) (2) (5)
3 = TUBE
5 = TUBE + CAP
6 = TAPE & REEL
8 = TAPE & REEL + CAP

LOCATING PEG OPTIONS:
0 = WITH PEGS (MIN. 6 PINS)
(9) 1 = WITHOUT PEGS

REV.	DATE & DRN	
1.0	11/04/'05 - NYW	RELEASE
1.1	14/07/'05 - NYW	(1) AMEND NO. OF CONTACTS. AMEND DIMENSIONS. AMEND LOCATING PEG. AMEND PCB LAYOUT. AMEND PACK OPTIONS.
1.2	19/01/'06 - NYW	(1) AMEND MAX PINS TO 80. REMOVE SELECTIVE GOLD. ADD PCB HOLE LAYOUT. REMOVE CAP OPTION.
1.3	09/03/'06 - NYW	(1) ADD CONTACT DISTANCE.
1.4	20/07/'06 - NYW	DRAWING MODIFICATION. (1) ADD FILM DRAWING.
1.5	26/09/'06 - NYW	(1) REMOVE FILM ADD CAP.
1.6	18/05/'07 - CHC	(1) ADD NOTES 1.
1.7	24/01/'08 - NYW	PLATING MODIFICATION.
1.8	21/05/'08 - NYW	ADD MATT TIN PLATING.
1.9	16/12/'08 - CHC	(1) ADD 4 CONTACTS. AMEND DIMENSIONS. AMEND LOCATING PEG. ADD CAP FOR 4 CONTACTS.
2.0	22/12/'09 - NYW	CHANGE INSUATLOR TO LCP.
2.1	05/03/'19 - NYW	AMEND MAX. PINS TO 60.

Scale: 5:1	THIRD ANGLE	Unstated Tolerances: X. ± 0.30, .X ± 0.25, .XX ± 0.15, .XXX ± 0.10	Material SEE NOTE	Type: BB02-CQ
Drawn: NYW				BB02-CQ Drawing Number:
App'd: XXXX	Title SOCKET		NOT TO SCALE	Sheet 1 of 1
Date: 5 MAR. '19	Revision: 2.1		UNIT: mm	Drawing © E and O E

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