

BB02-TG :- 2.54mm x 2.54mm (0.1" x 0.1") PIN HEADER, DUAL ROW, STRAIGHT, THROUGH HOLE - 04 to 80 CONTACTS BOARD SPACER

SPECIFICATIONS

CURRENT RATING 3 AMP
 INSULATOR RESISTANCE 5000 MEGOHMS MIN.
 DIELECTRIC WITHSTANDING AC 500 V
 OPERATING TEMPERATURE -40°C TO +105°C
 CONTACT MATERIAL COPPER ALLOY (BRASS)
 INSULATOR MATERIAL THERMOPLASTIC, UL 94V-0
 STANDARD: NYLON 6T.

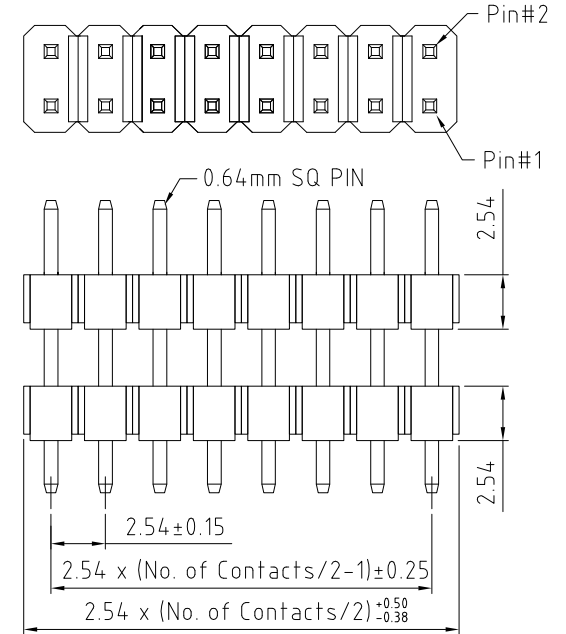
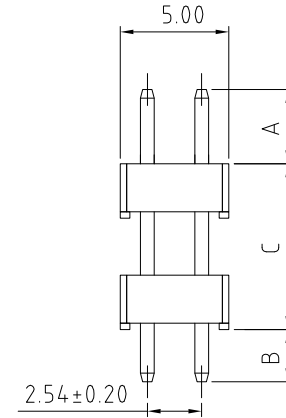
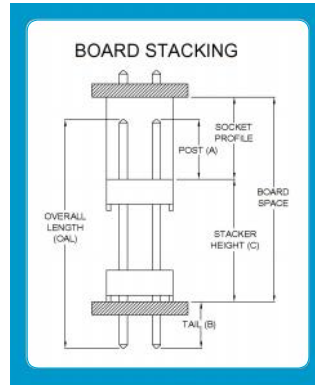
PLATING GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL
 SOLDERABILITY: IR REFLOW: 260°C FOR 10 SEC (SEE NOTES 2)
 WAVE: 230°C FOR 5-10 SEC
 MANUAL SOLDER: 350°C FOR 3-5 SEC

PACKED LOOSE IN BAG OR BOX.

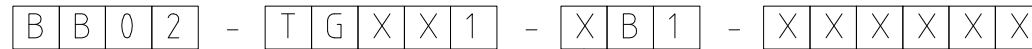
MATES WITH :- BB02-JM BB02-KK BB02-KW
 BB02-KA BB02-KM BB02-LD
 BB02-KD BB02-KQ BB02-LE
 BB02-KF BB02-KS
 BB02-KG BB02-KT
 BB02-KH BB02-KU

NOTES:

- MAX. OAL (OVERALL PIN LENGTH A+C+B) = 50mm.
- PIN RETENTION FORCE WILL BE REDUCED AFTER REFLOW PROCESS. CONTACT GRAD CONN IF YOU REQUIRE SPECIFIC RETENTION FORCE.



HOW TO ORDER



NO. OF CONTACTS
04 TO 80

CONTACT PLATING OPTIONS

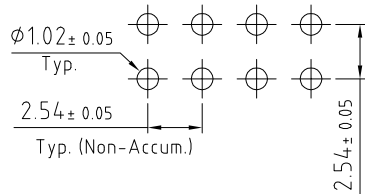
- K = GOLD FLASH (STANDARD)
- A = 10U" GOLD ON CONTACT/GOLD FLASH ON TAIL
- B = 15U" GOLD ON CONTACT/GOLD FLASH ON TAIL
- C = 30U" GOLD ON CONTACT/GOLD FLASH ON TAIL
- T = BRIGHT TIN
- M = MATT TIN
- D = GOLD FLASH ON CONTACT/BRIGHT TIN ON TAIL
- E = 10U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
- F = 15U" GOLD ON CONTACT/BRIGHT TIN ON TAIL
- G = 30U" GOLD ON CONTACT/BRIGHT TIN ON TAIL

PIN LENGTH A (1/10mm)
SPECIFY PIN LENGTH
STANDARD = 60 = 6.0mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

PIN LENGTH B (1/10mm)
SPECIFY PIN LENGTH
STANDARD = 30 = 3.0mm
MINIMUM = 10 = 1.0mm
MAXIMUM = 150 = 15.0mm
TOL.: ±0.25mm

LONGER PIN LENGTH REQUIRED?
If pin length required is longer than 9.9mm (99), then use a '/' to separate the numbers.
Example: A=6.0mm, B=3.0mm, C=12.5mm, mark as 60 / 30 / 125.

PIN LENGTH C (1/10mm)
SPECIFY PIN LENGTH
MINIMUM = 51 = 5.1mm
MAXIMUM = SEE NOTE: 1
TOL.: ±0.25mm



RECOMMENDED PC BOARD HOLE LAYOUT

Scale: 4:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 X ± 0.25 XX ± 0.15 XXX ± 0.10	Material SEE NOTE	 www.gradconn.com THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	Type: BB02-TG
Drawn: NYW					BB02-TG
App'd: XXX	Title: PIN HEADER		NOT TO SCALE		Drawing Number:
Date: 29 MAR. '18	Revision: 1.1		Unit: mm		Sheet 1 of 1
					Drawing © E and O E