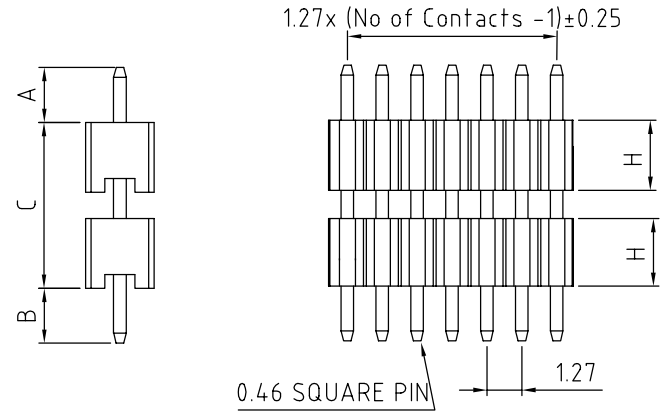
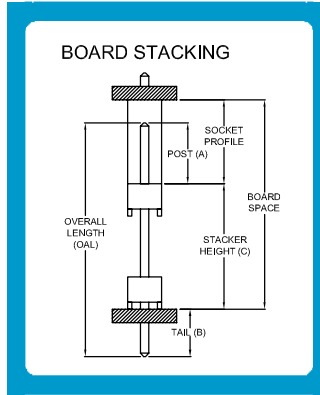


BB02-NM :- 1.27mm ( 0.05" ) PIN HEADER, SINGLE ROW, STRAIGHT, THROUGH HOLE, 02-50 CONTACTS, BOARD SPACER

SPECIFICATIONS

CURRENT RATING	1 AMP
INSULATOR RESISTANCE	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING	AC 300 V
CONTACT RESISTANCE	20m OHMS MAX.
OPERATING TEMPERATURE	-40°C TO +105°C
CONTACT MATERIAL	BRASS
INSULATOR MATERIAL	THERMO PLASTIC, UL 94V-0
	STANDARD: LCP
PLATING	GOLD, TIN, OR SELECTIVE OVER 30-50U" NICKEL
SOLDERABILITY	IR REFLOW: 280°C FOR 10 SEC
	WAVE: 250°C FOR 5-10 SEC
	MANUAL SOLDER: 380°C FOR 3-5 SEC



PACKED IN BOX OR BAG.

MATES WITH: - BB02-CE BB02-NU  
BB02-CF BB02-NP

NOTES:

1. MAX. OAL (OVERALL PIN LENGTH A+C+B) = 40mm.

HOW TO ORDER

B
B
0
2
 - 
 N
M
X
X
1
 - 
 X
X
1
 - 
 X
X
X
X
X
X

NO. OF CONTACTS: 02 TO 50  
 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

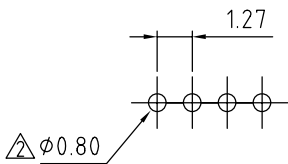
'H' HEIGHT OPTIONS:  
 C = 2.54MM  
 D = 1.40MM  
 E = 1.70MM  
 F = 3.00MM

PIN LENGTH B (1/10mm): SPECIFY PIN LENGTH  
 STANDARD = 20 = 2.0mm  
 MINIMUM = 10 = 1.0mm  
 MAXIMUM = 150 = 15.0mm  
 TOL.: ±0.25mm

PIN LENGTH C (1/10mm): SPECIFY PIN LENGTH  
 IE 25 = 2.5mm  
 MINIMUM = H HEIGHT x 2  
 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.



RECOMMENDED PCB HOLE LAYOUT (TOLERANCE: ±0.05)

REV. DATE & DRN  
 11. 05/07/09 NYW RELEASE  
 12. 07/11/11 NYW  
 13. 08/03/11 NYW  
 14. 08/03/11 NYW  
 15. 08/03/11 NYW  
 16. 08/03/11 NYW  
 17. 08/03/11 NYW  
 18. 08/03/11 NYW  
 19. 08/03/11 NYW  
 20. 08/03/11 NYW  
 21. 08/03/11 NYW  
 22. 08/03/11 NYW  
 23. 08/03/11 NYW  
 24. 08/03/11 NYW  
 25. 08/03/11 NYW  
 26. 08/03/11 NYW  
 27. 08/03/11 NYW  
 28. 08/03/11 NYW  
 29. 08/03/11 NYW  
 30. 08/03/11 NYW  
 31. 08/03/11 NYW  
 32. 08/03/11 NYW  
 33. 08/03/11 NYW  
 34. 08/03/11 NYW  
 35. 08/03/11 NYW  
 36. 08/03/11 NYW  
 37. 08/03/11 NYW  
 38. 08/03/11 NYW  
 39. 08/03/11 NYW  
 40. 08/03/11 NYW  
 41. 08/03/11 NYW  
 42. 08/03/11 NYW  
 43. 08/03/11 NYW  
 44. 08/03/11 NYW  
 45. 08/03/11 NYW  
 46. 08/03/11 NYW  
 47. 08/03/11 NYW  
 48. 08/03/11 NYW  
 49. 08/03/11 NYW  
 50. 08/03/11 NYW

Scale: 5:1	THIRD ANGLE	Unstated Tolerances: X ± 0.30 .X ± 0.25 .XX ± 0.15 .XXX ± 0.10	Material: SEE NOTE	 www.gradconn.com	Type: BB02-NM
Drawn: NYW			NOT TO SCALE		BB02-NM
App'd: XXXX	Title: PIN HEADER		Unit: mm		Drawing Number:
Date: 9 MAR '11	Revision: 1.2				Sheet 1 of 1
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