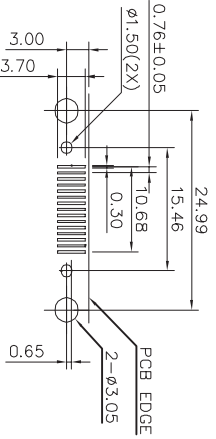
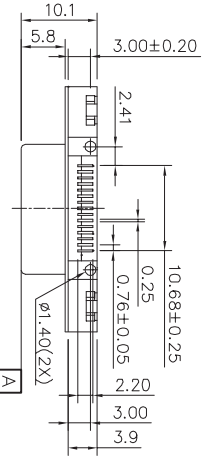


DETAIL A  
SCALE 2:1  
Snap-in boardlock



PIN NUMBER:  
6 11 1 7 12 2 8 13 3 9 14 4 10 15 5  
15 PIN RECOMMENDED PCB LAYOUT

### Product Specification

Material: Insulator: Glass-Filled Thermoplastic PBT, UL94V-0 rates  
 Contact: Brass or Phosphor Bronze  
 Shell: Steel, 100u" min  
 Clinch Nut: Brass, 100u" min Nickel Plated  
 Boardlock: Brass, 100u" min Tin Plated

### Electrical

Contact Resistance: 30 milliohms  
 Max at 1 AMP DC  
 Insulation Resistance: 1000 megohms at 500 VDC  
 Dielectric Withstanding Voltage: 1000 VAC/rms 60Hz for 1 minute  
 Current Rating: 3 AMP  
 Voltage Rating: 250 VAC/rms 60Hz

### Ordering Information

168 - XX X X X X X X X

- a. No. of Pins
- 15: 15 positions
- b. Contact Type
- 1: Male
- 2: Female
- c. Contact Plating
- 0: gold flash selective gold
- 1: 15u" selective gold on contact
- 2: 30u" selective gold on contact
- d. Shell Plating
- 1: Nickel(standard)
- 2: Tin
- 3: Chromated
- e. Insulator Color
- 1: Blue
- 2: Black (Standard)
- f. Riveting Options:
- 1: Snap-in boardlock
- 2: Press-in boardlock
- g. Flange Mounting Option
- 1: #4-40 threaded hole with #4-40 unc screwlock installed
- 2: #4-40 threaded hole with #4-40 unc screwlock bulk-packed
- 3: #4-40 threaded hole

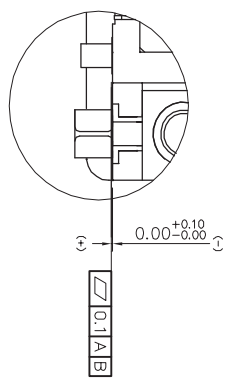
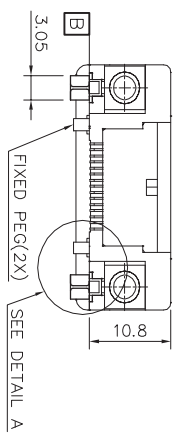
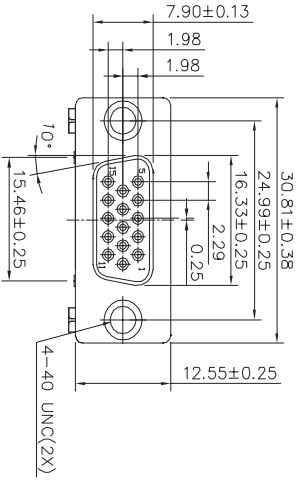
Cobb Technology

REV. 1.0	Initial Release	N. Boon	04-Feb-2016	MAT'L:	FINISH:	SCALE: NTS	SHEET: 1/2	DR:	N. Boon	REV.: 1.0	DATE: 04-Feb-2016
REV.	ECN. NO.	DR BY	DATE								

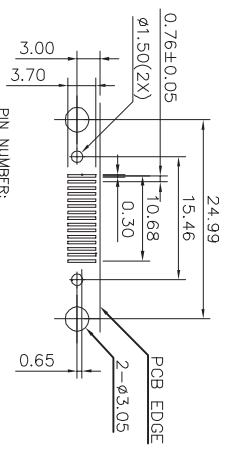
TITLE: D-Sub, SMT Style HD

APPD.: PART NO.: 168 Series Family

CHKD.: DWG. NO.: 168-XXXXXXXXXX



DETAIL A  
SCALE 2:1  
Snap-in boardlock



PIN NUMBER:  
6 11 1 7 12 2 8 13 3 9 14 4 10 15 5  
15 PIN RECOMMENDED PCB LAYOUT

**Product Specification**  
**Material**  
 Insulator :Glass-Filled Thermoplastic PBT,JUL94V-0 rates  
 Contact :Brass or Phosphor Bronze  
 Shell : Steel, 100u" Tin Over 50u" min Copper  
 Clinch Nut: Brass, 100u" min Nickel Plated,  
 Boardlock :Brass, 100u" min Tin Plated.

**Electrical**  
 Contact Resistance :30 milliohms  
 Max at 1 AMP DC.  
 Insulation Resistance :1000  
 megohms at 500 VDC  
 Dielectric Withstanding Voltage :  
 1000 VAC/rms 60Hz for 1 minute  
 Current Rating :3 AMP  
 Voltage Rating :250 VAC/rms 60Hz

Ordering Information

168 - XX X X X X X X X X  
 a b c d e f g

- a. No. Of Pins  
15, 15 positions
- b. Contact Type  
1) Male  
2) Female
- c. Contact Plating  
0) gold flash selective gold  
1) 15u" selective gold on contact  
2) 30u" selective gold on contact
- d. Shell Plating  
1) Nickel(standard)  
2) Tin  
3) Chromated
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2) Black (Standard)
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2) #4-40 threaded hole with #4-40 unc screwlock bulk-packed  
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REV.	1.0	Initial Release	ECN. NO.	N. Boon	DR BY	04-Feb-2016	DATE	MAT'L:	FINISH:	SCALE: NTS	SHEET: 2/2	DR:	N. Boon	REV.: 1.0	DATE: 04-Feb-2016
									TITLE : D-Sub, SMT Style HD APPD.: PART NO : 168 Series Family DWG. NO.: 168-XXXXXXXXXX						