

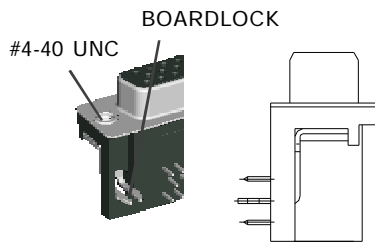
**MMI**

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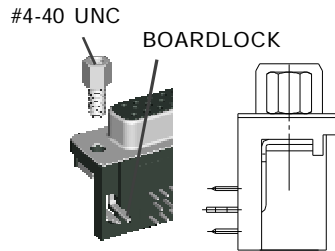
**HIGH DENSITY D-SUB  
(WIRE TYPE)**

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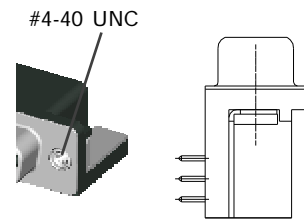
## HIGH DENSITY D- SUB 1XX SERIES MOUNTING OPTIONS



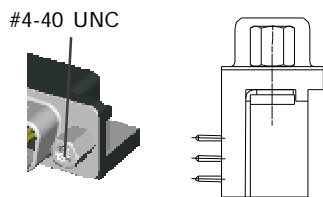
a TYPE  
WITH #4-40UNC THREAD INSERT  
GROUNDING BRACKET &  
BOARDLOCK



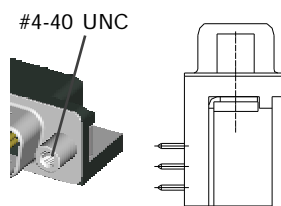
as TYPE  
WITH #4-40UNC HEX NUT  
GROUNDING BRACKET &  
BOARDLOCK



b TYPE  
WITH #4-40UNC THREAD INSERT  
GROUNDING BRACKET

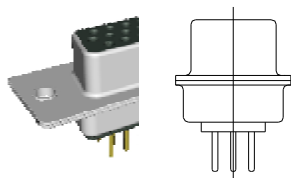


d TYPE  
WITH FIXED #4-40UNC HEX NUT  
GROUNDING BRACKET

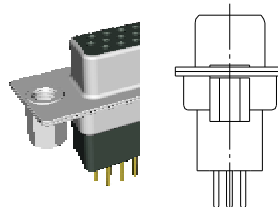


rd TYPE  
WITH FIXED #4-40UNC ROUND NUT  
GROUNDING BRACKET

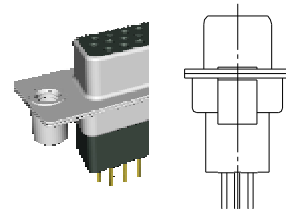
## HIGH DENSITY D- SUB 2XX SERIES MOUNTING OPTIONS



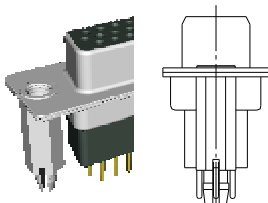
H TYPE  
WITH MOUNTING HOLE ONLY



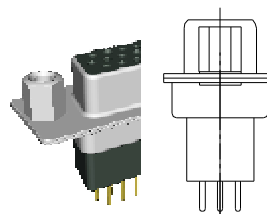
I TYPE  
WITH #4-40UNC HEX NUT  
IN THE REAR OF THE SHELL



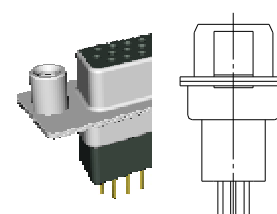
J TYPE  
WITH #4-40UNC ROUND NUT  
IN THE REAR OF THE SHELL



K TYPE  
WITH #4-40UNC IN THE REAR SHELL  
USE RIVET AS BOARDLOCK



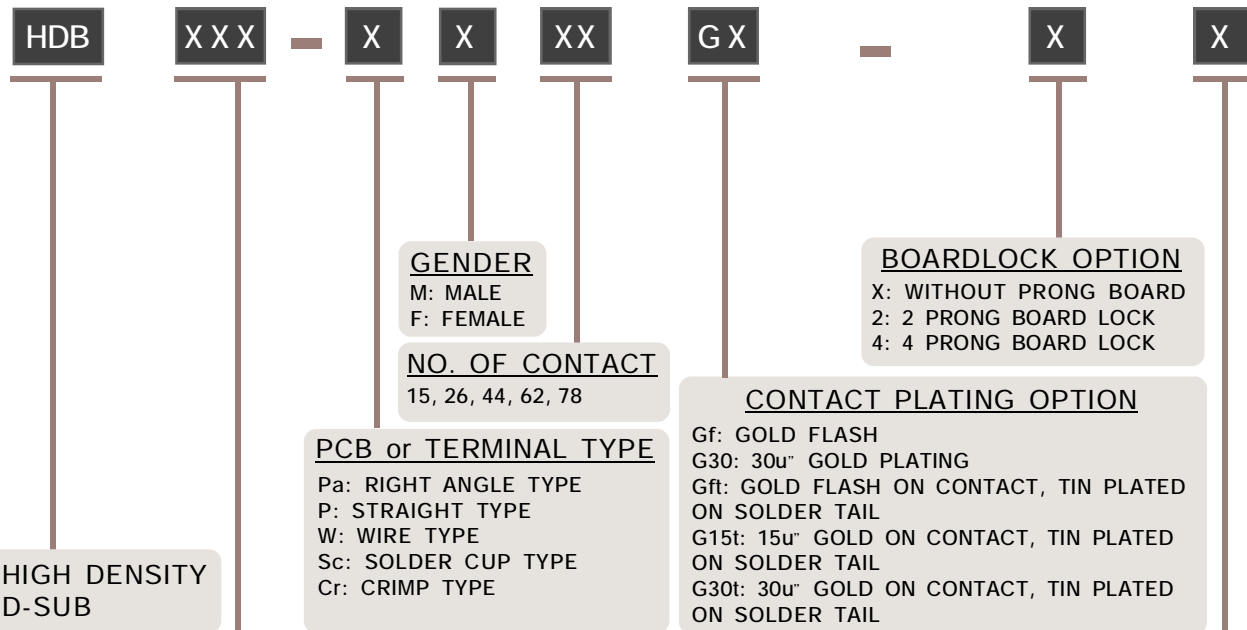
L TYPE  
WITH #4-40UNC HEX NUT  
IN THE FRONT OF THE SHELL



M TYPE  
WITH #4-40UNC ROUND NUT  
IN THE FRONT OF THE SHELL

NOTE : SOME SIZES, STYLES AND OPTION ARE NON-STANDARD, NON-CANCELLABLE, NON-RETURNABLE

# HIGH DENSITY D-SUB CONNECTOR PART NO. INFORMATION



**SERIES NO.**

1XX: RIGHT ANGLE TYPE  
-130  
-132  
-14X  
-150

2XX: STRAIGHT TYPE  
-200  
-210  
-230  
-250

3XX: WIRE TYPE  
-300: LENTH= 10.00 mm  
-310: LENTH= 13.00 mm  
-320: LENTH= 17.50 mm

4XX: SOLDER CUP TYPE  
- 400

5XX: CRIMP TYPE  
- 500

9XX: MACHINE PIN TYPE  
-900: FOOTPRINT= 9.30 mm  
-910: FOOTPRINT= 7.19 mm

**MOUNTING TYPE**

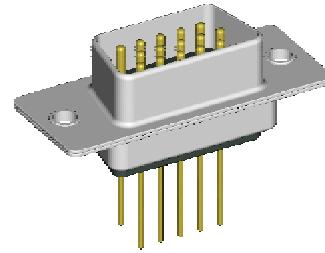
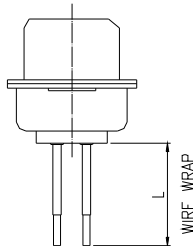
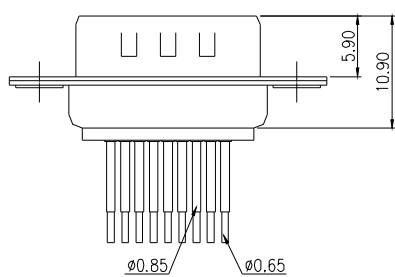
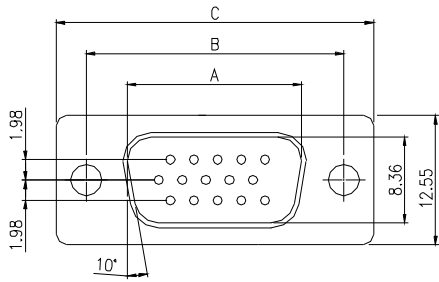
FOR RIGHT ANGLE TYPE  
a :WITH #4-40UNC THREAD INSERT GROUNDING BRACKET & BOARDLOCK  
b: WITH #4-40UNC THREAD INSERT GROUNDING BRACKET  
d: WITH FIXED #4-40UNC HEX NUT GROUNDING BRACKET  
rd: WITH FIXED #4-40UNC ROUND NUT GROUNDING BRACKET

FOR STRAIGHT TYPE  
H: WITH MOUNTING HOLE ONLY  
I: WITH #4-40UNC HEX NUT IN THE REAR OF THE SHELL  
J: WITH #4-40UNC ROUND NUT IN THE REAR OF THE SHELL  
K: WITH #4-40UNC IN THE REAR SHELL USE RIVET AS BOARDLOCK  
L: WITH #4-40UNC HEX NUT IN THE FRONT OF THE SHELL  
M: WITH #4-40UNC ROUND NUT IN THE FRONT OF THE SHELL

NOTE : SOME SIZES, STYLES AND OPTION ARE NON-STANDARD, NON-CANCELLABLE, NON-RETURNABLE

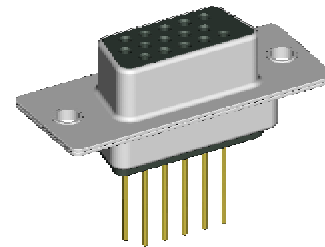
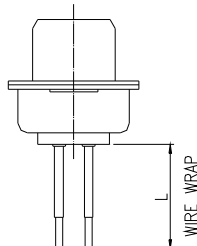
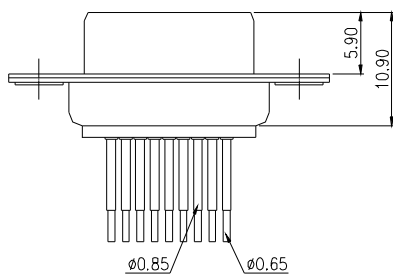
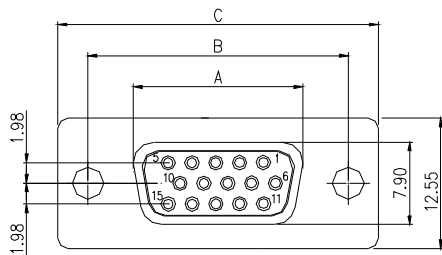
# HDB 3X0 SERIES - MOUNTING TYPE H WIRE TYPE - W

## MALE



| PART NO.        | NO. OF CONTACT | DIMENSIONS |       |       |      |
|-----------------|----------------|------------|-------|-------|------|
|                 |                | A          | B     | C     | D    |
| HDB3X0-WM15GX-H | 15             | 16.92      | 24.99 | 30.61 | 2.29 |
| HDB3X0-WM26GX-H | 26             | 25.25      | 33.32 | 39.14 | 2.29 |
| HDB3X0-WM44GX-H | 44             | 36.96      | 47.04 | 53.04 | 2.29 |
| HDB3X0-WM62GX-H | 62             | 55.42      | 63.50 | 69.32 | 2.41 |

## FEMALE



| PART NO.        | NO. OF CONTACT | DIMENSIONS |       |       |      |
|-----------------|----------------|------------|-------|-------|------|
|                 |                | A          | B     | C     | D    |
| HDB3X0-WF15GX-H | 15             | 16.33      | 24.99 | 30.61 | 2.29 |
| HDB3X0-WF26GX-H | 26             | 24.66      | 33.32 | 39.14 | 2.29 |
| HDB3X0-WF44GX-H | 44             | 38.38      | 47.04 | 53.04 | 2.29 |
| HDB3X0-WF62GX-H | 62             | 54.84      | 63.50 | 69.32 | 2.41 |

|                        |   |                                      |                                       |   |  |  |
|------------------------|---|--------------------------------------|---------------------------------------|---|--|--|
| <b>HDB</b>             | <b>3X0</b>  | <b>W</b>                             | <b>X</b>                              | <b>XX</b>                               | <b>GX</b>  | <b>H</b>   |
| HIGH DENSITY<br>D- SUB | <b>SERIES NO.</b><br>300: L= 10.00 mm<br>310: L= 13.00 mm<br>320: L= 17.50 mm | <b>TERMINAL TYPE</b><br>W: WIRE TYPE | <b>GENDER</b><br>M: MALE<br>F: FEMALE | <b>NO. OF CONTACT</b><br>15, 26, 44, 62 | <b>CONTACT PLATING OPTION</b><br>Gf: GOLD FLASH<br>Gft: GOLD FLASH ON CONTACT, TIN PLATED ON SOLDER TAIL<br>G15t: 15u" GOLD ON CONTACT, TIN PLATED ON SOLDER TAIL<br>G30t: 30u" GOLD ON CONTACT, TIN PLATED ON SOLDER TAIL | <b>MOUNTING TYPE</b><br>H: WITH MOUNTING HOLE ONLY |

### ELECTRICAL CHARACTERISTIC

CONTACT CURRENT RATING: 1 AMP  
 CONTACT RESISTANCE: 25 M OHM MAX.  
 INSULATION RESISTANCE: 5000 OHM MIN. AT 500V DC  
 DIELECTRIC WITHSTANDING VOLTAGE: AC 1000V / MIN. R.M.S  
 OPERATING TEMPERATURE: -55°C ~ +105°C

### MATERIALS

INSULATOR: P.B.T. UL 94V-0 RATED  
 SHELL: COLD ROLLER STEEL  
 CONTACTS: BRASS

NOTE : SOME SIZES, STYLES AND OPTION ARE NON-STANDARD, NON-CANCELLABLE, NON-RETURNABLE