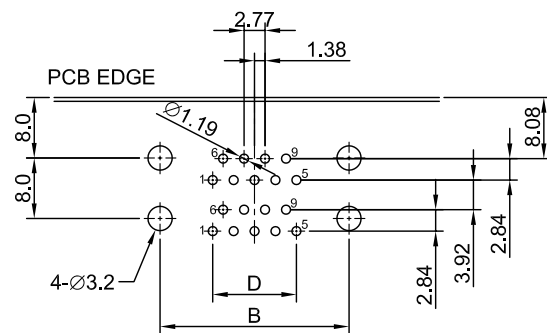
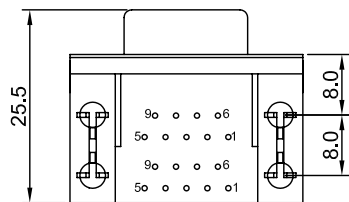
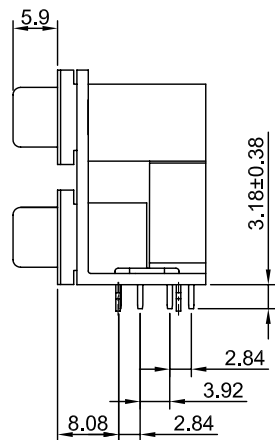
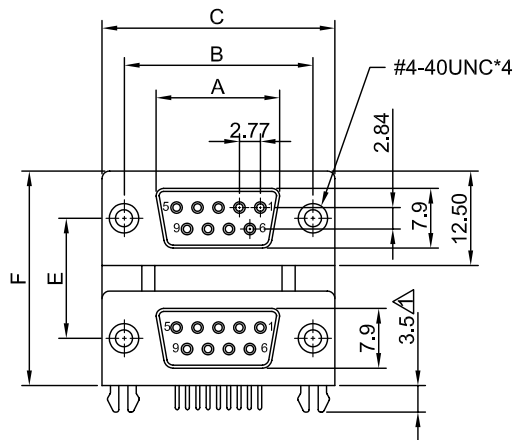


REV.	ECN.	DATE	DWN	APVD
A.1	ECN-070321-01	07/04/23	TRACY	HENRY



POSITION	A ± 0.20	B ± 0.20	C ± 0.38	D
09 PIN	16.30	25.00	30.80	11.08
15 PIN	24.60	33.30	39.20	19.39
25 PIN	38.35	47.05	53.05	33.24
37 PIN	54.80	63.50	69.40	49.86

PORT SPACING	E±0.15	F±0.15
6	15.88	28.43
7	19.05	31.60
9	22.86	35.41

**MATERIAL:**

INSULATOR : PBT, UL 94V-0.  $\Delta$   
 CONTACT : COPPER ALLOY.  
 CONTACT FINISH : GOLD OVER NICKEL.  
 SHELL : STEEL.  
 BOARDLOCK : BRASS, TIN PLATED.  
 BRACKET : ZINC ALLOY, NICKEL PLATED.

**SPECIFICATION:**

CURRENT RATING : 5 AMP  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000V AC FOR 1 MINUTE.  
 INSULATION RESISTANCE : 1000M $\Omega$  MIN. AT 500V DC.  
 CONTACT RESISTANCE : 15m $\Omega$  MAX.  
 OPERATING TEMPERATURE : -55°C ~ +105°C.

**ORDER INFORMATION :**

**DD91 - 09 0 1 1 B 1 0 0 7 - R**  
 1 2 3 4 5 6 7 8 9 10 11

- SERIES:**
- POSITION:**  
09=09/09 , 15=15/15  
25=25/25 , 37=37/37
- CONTACT TYPE:**  
0=FEMALE / FEMALE  
1=MALE / MALE  
2=FEMALE / MALE  
3=MALE / FEMALE
- CONTACT PLATING:**  
1=SELECTIVE GOLD FLASH  
4=SELECTIVE 15u" GOLD  
6=SELECTIVE 30u" GOLD
- INSULATOR COLOR:**  
1=BLACK  
9=FOR PC99 COLOR  
(9PIN=GREEN, 15PIN=YELLOW,  
25PIN=PURPLE)
- INSULATOR MATERIAL:**  
B=PBT  
C=NYLON
- SHELL PLATING:**  
1=NICKEL
- GROUNDING OPTION:**  
0=DAUL BOARDLOCK 8.0/8.0mm  
1=L-SHAPE 8.0/8.0mm  
2=DAUL BOARDLOCK 9.0/7.0mm  
3=L-SHAPE 9.0/7.0mm  
4=SINGLE BOARDLOCK 16.0mm
- MATING OPTION:**  
0=4#40 THREAD RIVET  
1=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 4.8X11.8mm  
3=M3.0 THREAD RIVET  
4=4#40 THREAD 5.8mm HEX RIVET  
6=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 5.8X12.8mm  
7=4#40 THREAD RIVET &  
LOOSE HEX-SCREWS
- PORT SPACING:**  
6=15.88mm  
7=19.05mm  
9=22.86mm
- GREEN PRODUCT:**  
R=RoHS COMPLIANT



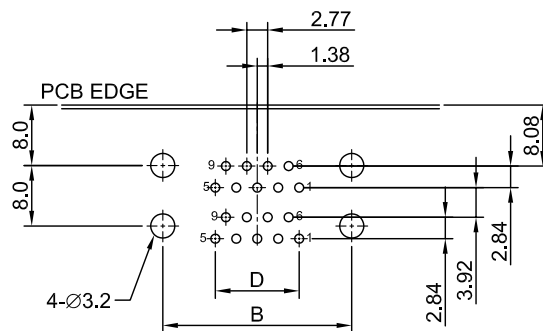
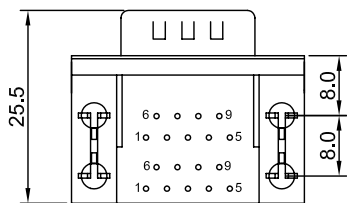
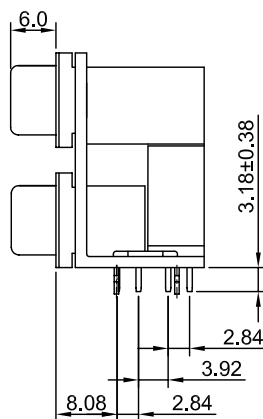
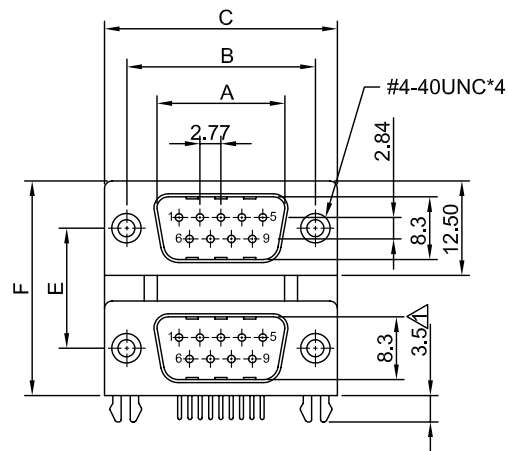
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<http://www.wekang.com>

GENERAL TOLERANCE  
 X.X ± 0.25  
 X.XX ± 0.15  
 X.XXX ± 0.05  
 ANGLE TOLERANCE ± 1°  
 RADIUS ± 0.25  
 HOLE ± 0.13

DRAWN.	Jean	DATE	06 - 29 - 2005	DRAWING NO.	C-DD0010	CUSTOMER DRAWING
CHECKED.	HENRY	DATE	07 - 01 - 2005	TITLE.	D-SUB CONN DUAL PORT RIGHT ANGLE , FEMALE TO FEMALE	
APPROVED.	HENRY	DATE	07 - 01 - 2005	PART NO.	DD91-XX0XXX00X-R	REV A.1

SIZE	UNIT	SCALE.	SHEET.	
A4	mm	1 : 1	1 OF 1	

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-070321-01	07/04/23	TRACY	HENRY



POSITION	A ± 0.20	B ± 0.20	C ± 0.38	D
09 PIN	16.90	25.00	30.80	11.08
15 PIN	25.25	33.30	39.20	19.39
25 PIN	38.95	47.05	53.05	33.24
37 PIN	55.40	63.50	69.40	49.86

PORT SPACING	E±0.15	F±0.15
6	15.88	28.43
7	19.05	31.60
9	22.86	35.41

**MATERIAL:**

INSULATOR : PBT, UL 94V-0.   
 CONTACT : COPPER ALLOY.  
 CONTACT FINISH : GOLD OVER NICKEL.  
 SHELL : STEEL.  
 BRACKET : ZINC ALLOY, NICKEL PLATED.  
 BOARDLOCK : BRASS, TIN PLATED.

**SPECIFICATION:**

CURRENT RATING : 5 AMP  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000V AC FOR 1 MINUTE.  
 INSULATION RESISTANCE : 1000MΩ MIN. AT 500V DC.  
 CONTACT RESISTANCE : 15mΩ MAX.  
 OPERATING TEMPERATURE : -55°C ~ +105°C.

**ORDER INFORMATION :**

**DD91 - 09 1 1 1 B 1 0 0 7 - R**  
 1 2 3 4 5 6 7 8 9 10 11

- SERIES:
- POSITION:  
09=09/09 , 15=15/15  
25=25/25 , 37=37/37
- CONTACT TYPE:  
0=FEMALE / FEMALE  
1=MALE / MALE  
2=FEMALE / MALE  
3=MALE / FEMALE
- CONTACT PLATING:  
1=SELECTIVE GOLD FLASH  
4=SELECTIVE 15u" GOLD  
6=SELECTIVE 30u" GOLD
- INSULATOR COLOR:  
1=BLACK  
9=FOR PC99 COLOR  
(9PIN=GREEN, 15PIN=YELLOW, 25PIN=PURPLE)
- INSULATOR MATERIAL:  
B=PBT  
C=NYLON
- SHELL PLATING:  
1=NICKEL
- GROUNDING OPTION:  
0=DAUL BOARDLOCK 8.0/8.0mm  
1=L-SHAPE 8.0/8.0mm  
2=DAUL BOARDLOCK 9.0/7.0mm  
3=L-SHAPE 9.0/7.0mm  
4=SINGLE BOARDLOCK 16.0mm
- MATING OPTION:  
0=4#40 THREAD RIVET  
1=4#40 THREAD RIVET & FIXED HEX-SCREWS 4.8X11.8mm  
3=M3.0 THREAD RIVET  
4=4#40 THREAD 5.8mm HEX RIVET  
6=4#40 THREAD RIVET & FIXED HEX-SCREWS 5.8X12.8mm  
7=4#40 THREAD RIVET & LOOSE HEX-SCREWS
- PORT SPACING:  
6=15.88mm  
7=19.05mm  
9=22.86mm
- GREEN PRODUCT:  
R=RoHS COMPLIANT

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<http://www.wekang.com>

SIZE A4	UNIT mm	SCALE. 1 : 1	SHEET. 1 OF 1	
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GENERAL TOLERANCE  
 X.X ± 0.25  
 X.XX ± 0.15  
 X.XXX ± 0.05  
 ANGLE TOLERANCE ± 1°  
 RADIUS ± 0.25  
 HOLE ± 0.13

DRAWN. Jean	DATE 06 - 29 - 2005	DRAWING NO. C-DD0011	CUSTOMER DRAWING
CHECKED. HENRY	DATE 07 - 01 - 2005	TITLE. D-SUB CONN DUAL PORT RIGHT ANGLE , MALE TO MALE	
APPROVED. HENRY	DATE 07 - 01 - 2005	PART NO. DD91-XX1XXXX00X-R	REV A.1

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-070321-01	07/04/24	TRACY	HENRY

**MATERIAL:**

INSULATOR : PBT, UL 94V-0.   
CONTACT : COPPER ALLOY.  
CONTACT FINISH : GOLD OVER NICKEL.  
SHELL : STEEL.  
BOARDLOCK : BRASS, TIN PLATED.  
BRACKET : ZINC ALLOY, NICKEL PLATED.

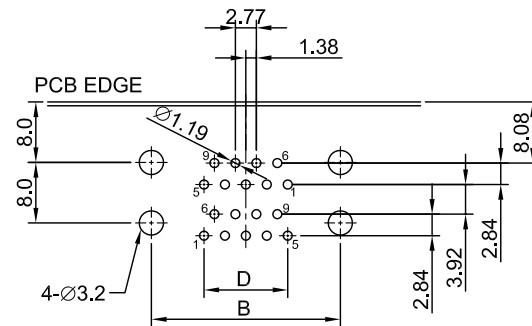
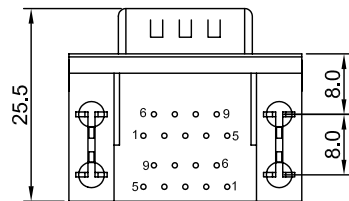
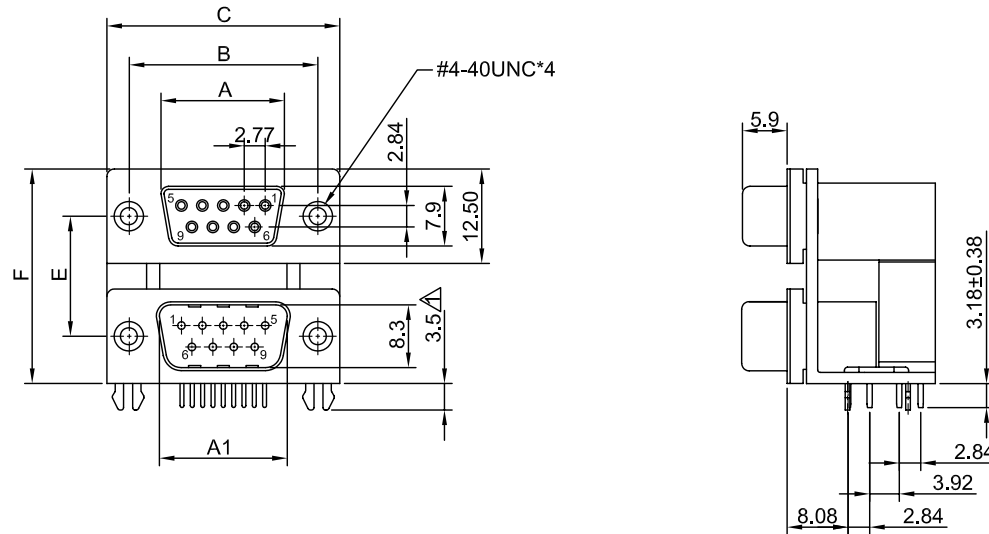
**SPECIFICATION:**

CURRENT RATING : 5 AMP  
DIELECTRIC WITHSTANDING VOLTAGE : 1000V AC FOR 1 MINUTE.  
INSULATION RESISTANCE : 1000MΩ MIN. AT 500V DC.  
CONTACT RESISTANCE : 15mΩ MAX.  
OPERATING TEMPERATURE : -55°C ~ +105°C.

**ORDER INFORMATION :**

**DD91 - 09 2 1 1 B 1 0 0 7 - R**  
1 2 3 4 5 6 7 8 9 10 11

- SERIES:
- POSITION:  
09=09/09 , 15=15/15  
25=25/25 , 37=37/37
- CONTACT TYPE:  
0=FEMALE / FEMALE  
1=MALE / MALE  
2=FEMALE / MALE  
3=MALE / FEMALE
- CONTACT PLATING:  
1=SELECTIVE GOLD FLASH  
4=SELECTIVE 15u" GOLD  
6=SELECTIVE 30u" GOLD
- INSULATOR COLOR:  
1=BLACK  
9=FOR PC99 COLOR  
(9PIN=GREEN, 15PIN=YELLOW,  
25PIN=PURPLE)
- INSULATOR MATERIAL:  
B=PBT  
C=NYLON
- SHELL PLATING:  
1=NICKEL
- GROUNDING OPTION:  
0=DAUL BOARDLOCK 8.0/8.0mm  
1=L-SHAPE 8.0/8.0mm  
2=DAUL BOARDLOCK 9.0/7.0mm  
3=L-SHAPE 9.0/7.0mm  
4=SINGLE BOARDLOCK 16.0mm
- MATING OPTION:  
0=4#40 THREAD RIVET  
1=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 4.8X11.8mm  
3=M3.0 THREAD RIVET  
4=4#40 THREAD 5.8mm HEX RIVET  
6=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 5.8X12.8mm  
7=4#40 THREAD RIVET &  
LOOSE HEX-SCREWS
- PORT SPACING:  
6=15.88mm  
7=19.05mm  
9=22.86mm
- GREEN PRODUCT:  
R=RoHS COMPLIANT



POSITION	A ± 0.20	A1 ± 0.20	B ± 0.20	C ± 0.38	D
09 PIN	16.30	16.90	25.00	30.80	11.08
15 PIN	24.60	25.25	33.30	39.20	19.39
25 PIN	38.35	38.95	47.05	53.05	33.24
37 PIN	54.80	55.40	63.50	69.40	49.86

PORT SPACING	E±0.15	F±0.15
6	15.88	28.43
7	19.05	31.60
9	22.86	35.41

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SIZE A4	UNIT mm	SCALE. 1 : 1	SHEET. 1 OF 1	
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GENERAL TOLERANCE  
X.X ± 0.25  
X.XX ± 0.15  
X.XXX ± 0.05  
ANGLE TOLERANCE ± 1°  
RADIUS ± 0.25  
HOLE ± 0.13

DRAWN. Jean	DATE 06 - 29 - 2005	DRAWING NO. C-DD0013	CUSTOMER DRAWING
CHECKED. HENRY	DATE 07 - 01 - 2005	TITLE. D-SUB CONN DUAL PORT RIGHT ANGLE , FEMALE TO MALE	
APPROVED. HENRY	DATE 07 - 01 - 2005	PART NO. DD91-XX2XXX00X-R	REV A.1

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-070321-01	07/04/24	TRACY	HENRY

**MATERIAL:**

INSULATOR : PBT, UL 94V-0.  
CONTACT : COPPER ALLOY.  
CONTACT FINISH : GOLD OVER NICKEL.  
SHELL : STEEL.  
BOARDLOCK : BRASS, TIN PLATED.  
BRACKET : ZINC ALLOY, NICKEL PLATED.

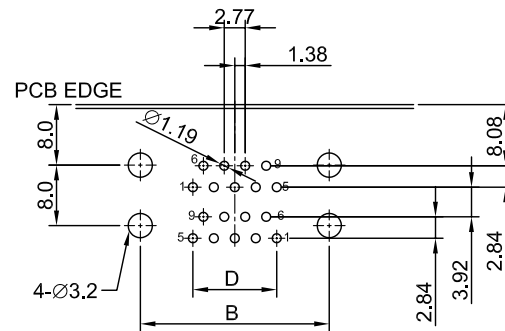
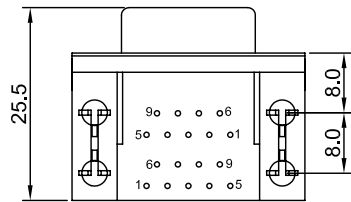
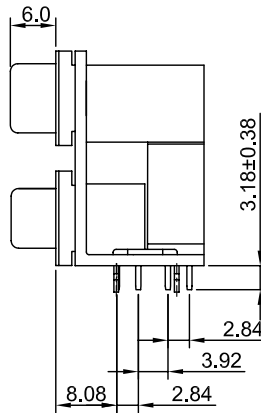
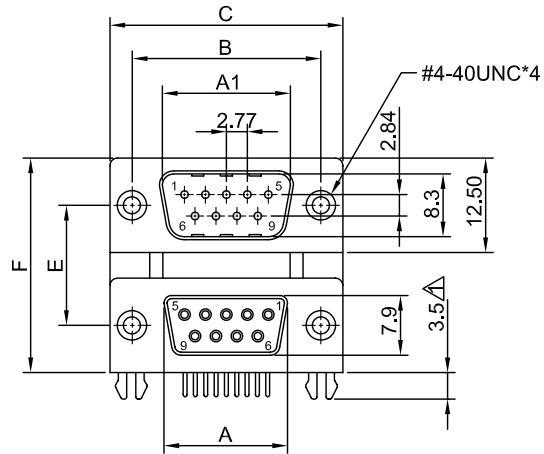
**SPECIFICATION:**

CURRENT RATING : 5 AMP  
DIELECTRIC WITHSTANDING VOLTAGE : 1000V AC FOR 1 MINUTE.  
INSULATION RESISTANCE : 1000MΩ MIN. AT 500V DC.  
CONTACT RESISTANCE : 15mΩ MAX.  
OPERATING TEMPERATURE : -55°C ~ +105°C.

**ORDER INFORMATION :**

**DD91 - 09 3 1 1 B 1 0 0 7 - R**  
1 2 3 4 5 6 7 8 9 10 11

- SERIES:
- POSITION:  
09=09/09 , 15=15/15  
25=25/25 , 37=37/37
- CONTACT TYPE:  
0=FEMALE / FEMALE  
1=MALE / MALE  
2=FEMALE / MALE  
3=MALE / FEMALE
- CONTACT PLATING:  
1=SELECTIVE GOLD FLASH  
4=SELECTIVE 15u" GOLD  
6=SELECTIVE 30u" GOLD
- INSULATOR COLOR:  
1=BLACK  
9=FOR PC99 COLOR  
(9PIN=GREEN, 15PIN=YELLOW,  
25PIN=PURPLE)
- INSULATOR MATERIAL:  
B=PBT  
C=NYLON
- SHELL PLATING:  
1=NICKEL
- GROUNDING OPTION:  
0=DAUL BOARDLOCK 8.0/8.0mm  
1=L-SHAPE 8.0/8.0mm  
2=DAUL BOARDLOCK 9.0/7.0mm  
3=L-SHAPE 9.0/7.0mm  
4=SINGLE BOARDLOCK 16.0mm
- MATING OPTION:  
0=4#40 THREAD RIVET  
1=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 4.8X11.8mm  
3=M3.0 THREAD RIVET  
4=4#40 THREAD 5.8mm HEX RIVET  
6=4#40 THREAD RIVET &  
FIXED HEX-SCREWS 5.8X12.8mm  
7=4#40 THREAD RIVET &  
LOOSE HEX-SCREWS
- PORT SPACING:  
6=15.88mm  
7=19.05mm  
9=22.86mm
- GREEN PRODUCT:  
R=RoHS COMPLIANT



POSITION	A ± 0.20	A1 ± 0.20	B ± 0.20	C ± 0.38	D
09 PIN	16.30	16.90	25.00	30.80	11.08
15 PIN	24.60	25.25	33.30	39.20	19.39
25 PIN	38.35	38.95	47.05	53.05	33.24
37 PIN	54.80	55.40	63.50	69.40	49.86

PORT SPACING	E±0.15	F±0.15
6	15.88	28.43
7	19.05	31.60
9	22.86	35.41



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GENERAL TOLERANCE  
X.X ± 0.25  
X.XX ± 0.15  
X.XXX ± 0.05  
ANGLE TOLERANCE ± 1°  
RADIUS ± 0.25  
HOLE ± 0.13

DRAWN. Jean  
CHECKED. HENRY  
APPROVED. HENRY

DATE 06 - 29 - 2005  
DATE 07 - 01 - 2005  
DATE 07 - 01 - 2005

DRAWING NO. C-DD0014

CUSTOMER DRAWING

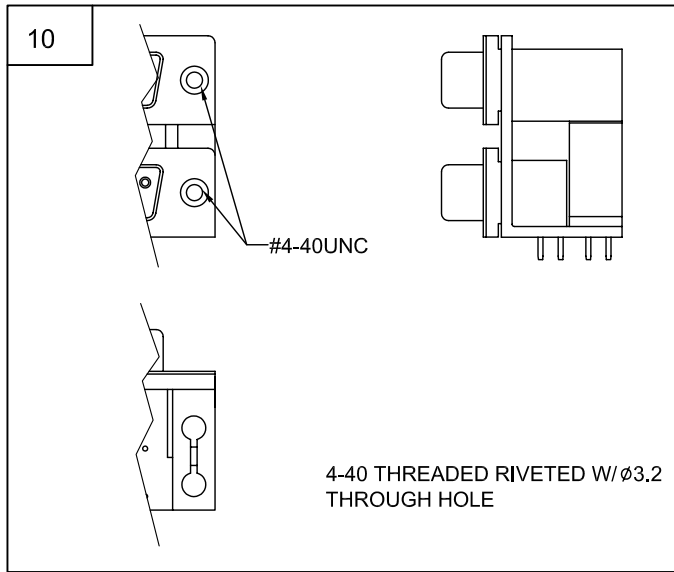
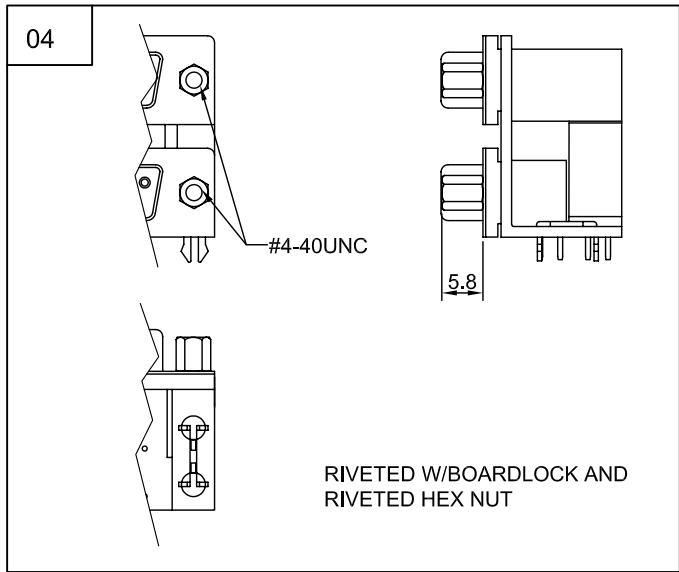
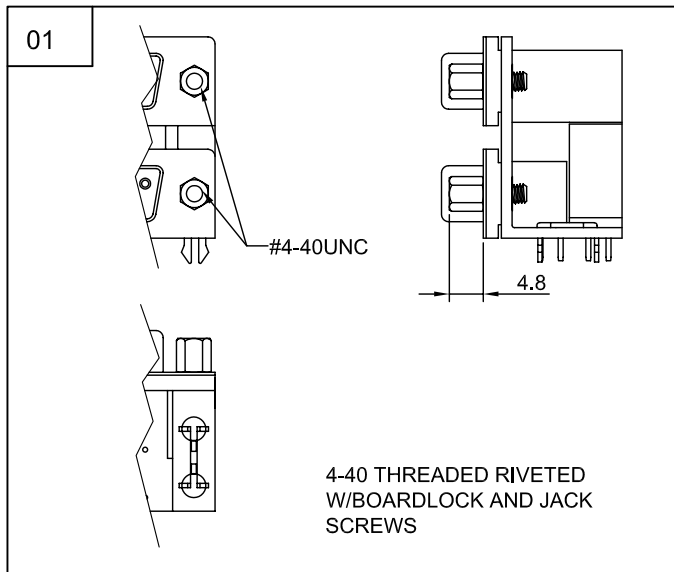
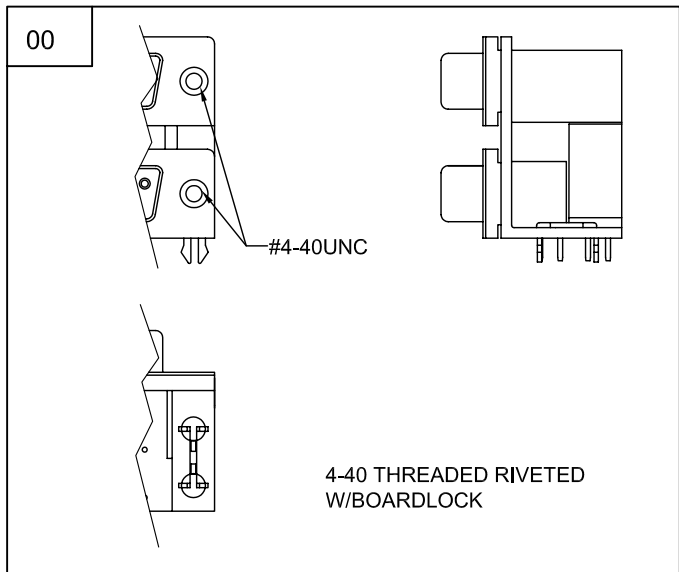
TITLE. D-SUB CONN DUAL PORT RIGHT ANGLE ,MALE TO FEMALE

PART NO. DD91-XX3XXX00X-R

REV A.1

SIZE A4	UNIT mm	SCALE. 1 : 1	SHEET. 1 OF 1	
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REV.	ECN.	DATE	DWN	APVD
A.1	ECN-070321-01	07/04/23	TRACY	HENRY



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SIZE A4	UNIT mm	SCALE. FREE	SHEET. 1 OF 1
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GENERAL TOLERANCE  
X.X ± 0.25  
X.XX ± 0.15  
X.XXX ± 0.05  
ANGLE TOLERANCE ± 1°  
RADIUS ± 0.25  
HOLE ± 0.13

DRAWN. Jean	DATE 06 - 29 - 2005	DRAWING NO. C-DD0009	CUSTOMER DRAWING	
CHECKED. HENRY	DATE 07 - 01 - 2005	TITLE. D-SUB CONN DUAL PORT RIGHT ANGLE		
APPROVED. HENRY	DATE 07 - 01 - 2005	PART NO. DD91-MOUNT	REV	A.1