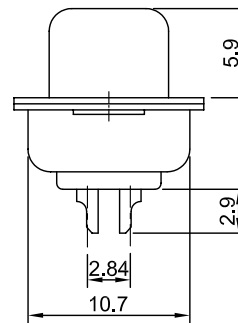
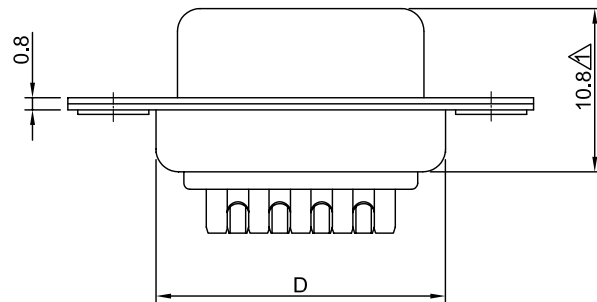
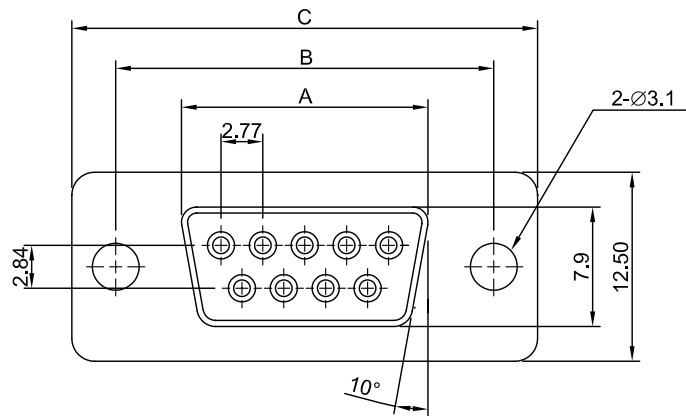


REV.	ECN.	DATE	DWN	APVD
A.1	ECN-080117-01	01/30/08	TRACY	HENRY



MATERIAL:

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

SPECIFICATION:

CURRENT RATING : 5AMP.
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 :

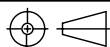
DB51 - 09 0 1 1 B 2 0 0 0 - R
1 2 3 4 5 6 7 8 9 10 11

- | | |
|---------------------------|-------------------------|
| 1. SERIES: | 7. SHELL PLATING: |
| 2. POSITION: | 2=TIN |
| 09 15 25 37 | 3=ZINC |
| 3. CONTACT TYPE/MATERIAL: | 5=NICKEL(FRONT SHELL), |
| 0=FEMALE/COPPER ALLOY | TIN(BACK SHELL) |
| 1=MALE/COPPER ALLOY | 8. PROCESS OPTION: |
| 4. CONTACT PLATING: | 0=THRU. HOLE |
| 1=SELECTIVE GOLD FLASH | 1=4.0mm OPEN HEX RIVET |
| 4=SELECTIVE 15u" GOLD | 2=5.8mm OPEN HEX RIVET |
| 6=SELECTIVE 30u" GOLD | 3=5.8mm CLOSE HEX RIVET |
| A=FULL GOLD FLASH | 5=2.0mm OPEN HEX RIVET |
| 5. INSULATOR COLOR: | 9. PARTS OPTION: |
| 0=WHITE | 0=NON ACCESSORIES |
| 1=BLACK | 1=REAR RIVET+FIXED |
| 7=BLUE | SCREWS 4.8X10.1mm |
| 9=FOR PC99 COLOR | 4=REAR RIVET 4#40 |
| (9PIN=GREEN,15PIN=YELLOW, | 7=FRONT RIVET 4#40 |
| 25PIN=PURPLE) | 10. INNER PACKAGE: |
| 6. INSULATOR MATERIAL: | 0=TRAY |
| B=PBT | 3=PLASTIC BAG |
| | 11. GREEN PRODUCT: |
| | R=RoHS COMPLIANT |

POSITION	A ± 0.20	B ± 0.20	C ± 0.38	D ± 0.20
09 PIN	16.30	25.00	30.80	19.15
15 PIN	24.60	33.30	39.20	27.60
25 PIN	38.35	47.05	53.05	41.10
37 PIN	54.80	63.50	69.40	57.40

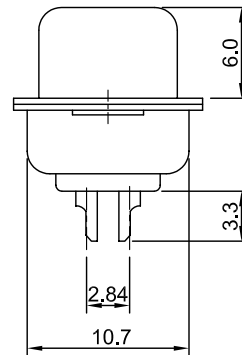
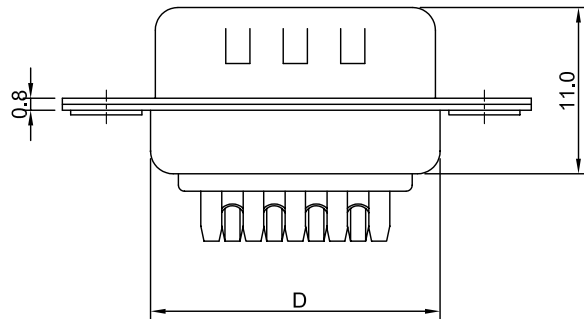
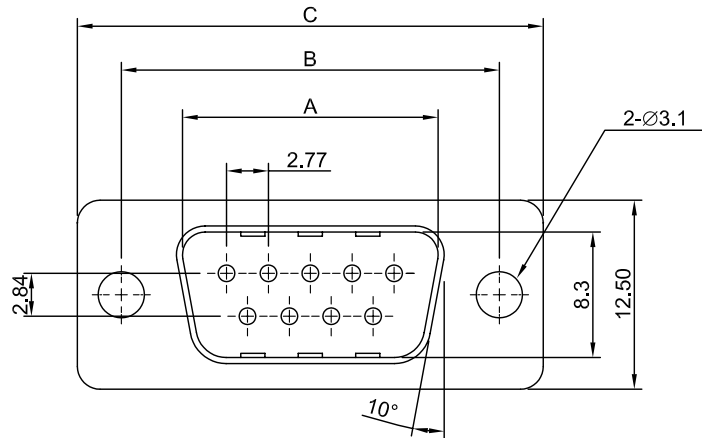
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GENERAL TOLERANCE
X.X ± 0.25
X.XX ± 0.15
X.XXX ± 0.05
ANGLE TOLERANCE ± 1°
RADIUS ± 0.25
HOLE ± 0.13



DRAWN.	JEAN	DATE	11 - 15 - 2005	DRAWING NO.	C-DB0063	CUSTOMER DRAWING
CHECKED.	HENRY	DATE	11 - 24 - 2005	TITLE.	D-SUB SOLDER TYPE STAMPED CONTACTS FEMALE	
APPROVED.	HENRY	DATE	11 - 24 - 2005	PART NO.	DB51-XX0XXXXX00X-R	REV A.1

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-080117-01	02/13/08	TRACY	HENRY



POSITION	A ± 0.20	B ± 0.20	C ± 0.38	D ± 0.20
09 PIN	16.90	25.00	30.80	19.15
15 PIN	25.25	33.30	39.20	27.60
25 PIN	38.95	47.05	53.05	41.10
37 PIN	55.40	63.50	69.40	57.40

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

MATERIAL:

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

SPECIFICATION:

CURRENT RATING : 5AMP.
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 :

DB51 - 09 1 1 1 B 2 0 0 0 - R
1 2 3 4 5 6 7 8 9 10 11

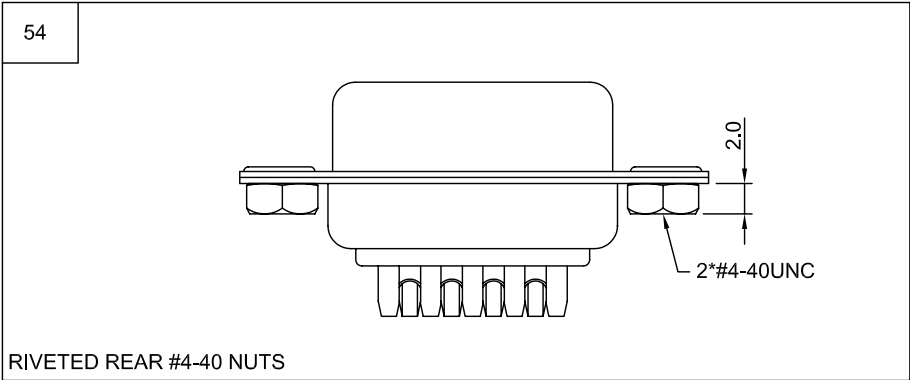
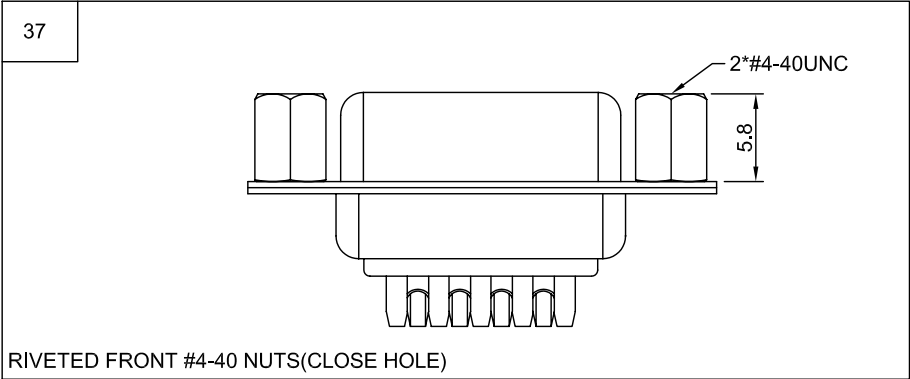
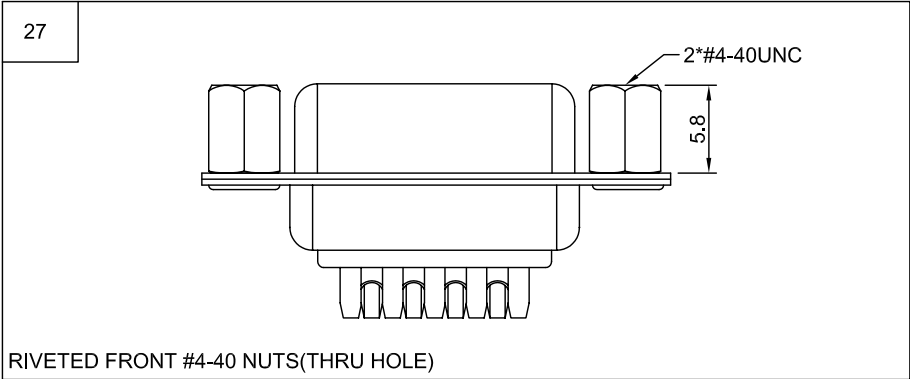
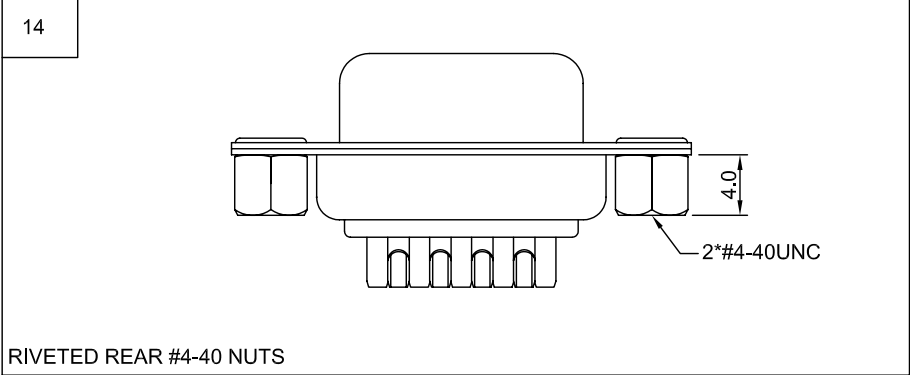
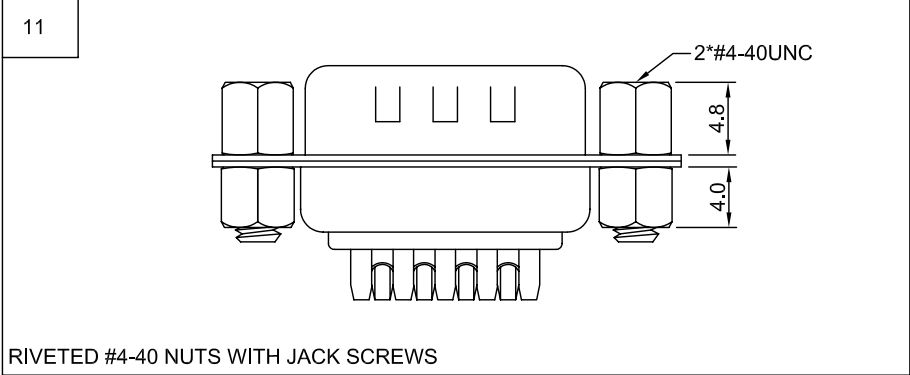
- SERIES:
- POSITION:
09 15 25 37
- CONTACT TYPE/MATERIAL:
0=FEMALE/COPPER ALLOY
1=MALE/COPPER ALLOY
- CONTACT PLATING:
1=SELECTIVE GOLD FLASH
4=SELECTIVE 15u" GOLD
6=SELECTIVE 30u" GOLD
A=FULL GOLD FLASH
- INSULATOR COLOR:
0=WHITE
1=BLACK
7=BLUE
9=FOR PC99 COLOR
(9PIN=GREEN,15PIN=YELLOW,
25PIN=PURPLE)
- INSULATOR MATERIAL:
B=PBT
- SHELL PLATING:
2=TIN
3=ZINC
5=NICKEL(FRONT SHELL),
TIN(BACK SHELL)
- PROCESS OPTION:
0=THRU. HOLE
1=4.0mm OPEN HEX RIVET
2=5.8mm OPEN HEX RIVET
3=5.8mm CLOSE HEX RIVET
5=2.0mm OPEN HEX RIVET
- PARTS OPTION:
0=NON ACCESSORIES
1=REAR RIVET+FIXED
SCREWS 4.8X10.1mm
4=REAR RIVET 4#40
7=FRONT RIVET 4#40
- INNER PACKAGE:
0=TRAY
3=PLASTIC BAG
- GREEN PRODUCT:
R=RoHS COMPLIANT

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SIZE	UNIT	SCALE.	SHEET.	
A4	mm	2 : 1	1 OF 1	

DRAWN.	JEAN	DATE	11 - 15 - 2005	DRAWING NO.	C-DB0064	CUSTOMER DRAWING
CHECKED.	HENRY	DATE	11 - 19 - 2005	TITLE.	D-SUB SOLDER TYPE STAMPED CONTACTS MALE	
APPROVED.	HENRY	DATE	11 - 19 - 2005	PART NO.	DB51-XX1XXXX00X-R	REV A.1

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-080117-01	01/30/08	TRACY	HENRY



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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 11 - 15 - 2005
 DATE 11 - 25 - 2005
 DATE 11 - 25 - 2005

DRAWING NO. C-DB0062
 TITLE. D-SUB CONN SOLDER
 PART NO. DB51-MOUNT

CUSTOMER DRAWING

SIZE A4	UNIT mm	SCALE. 2 : 1	SHEET. 1 OF 1	
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REV	A.1
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