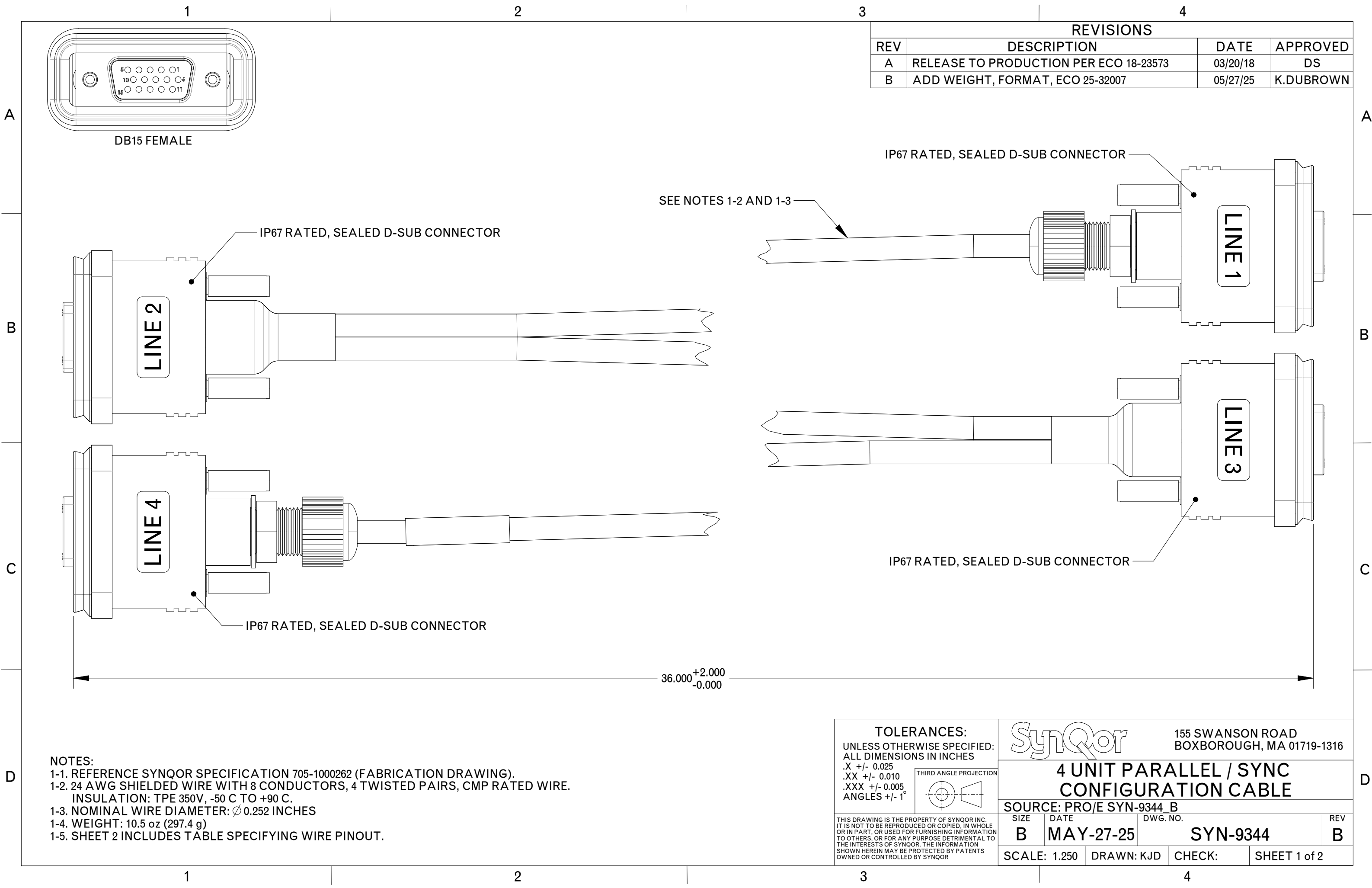


DB15 FEMALE

IP67 RATED, SEALED D-SUB CONNECTOR

LINE 2

LINE 4

IP67 RATED, SEALED D-SUB CONNECTOR

SEE NOTES 1-2 AND 1-3

IP67 RATED, SEALED D-SUB CONNECTOR

LINE 1

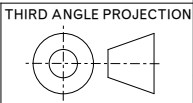
LINE 3

IP67 RATED, SEALED D-SUB CONNECTOR

36.000<sup>+2.000</sup><sub>-0.000</sub>

- NOTES:  
1-1. REFERENCE SYNQOR SPECIFICATION 705-1000262 (FABRICATION DRAWING).  
1-2. 24 AWG SHIELDED WIRE WITH 8 CONDUCTORS, 4 TWISTED PAIRS, CMP RATED WIRE.  
INSULATION: TPE 350V, -50 C TO +90 C.  
1-3. NOMINAL WIRE DIAMETER:  $\varnothing$  0.252 INCHES  
1-4. WEIGHT: 10.5 oz (297.4 g)  
1-5. SHEET 2 INCLUDES TABLE SPECIFYING WIRE PINOUT.

TOLERANCES:  
UNLESS OTHERWISE SPECIFIED:  
ALL DIMENSIONS IN INCHES  
.X +/- 0.025  
.XX +/- 0.010  
.XXX +/- 0.005  
ANGLES +/- 1°



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SynQor

155 SWANSON ROAD  
BOXBOROUGH, MA 01719-1316

4 UNIT PARALLEL / SYNC  
CONFIGURATION CABLE

SOURCE: PRO/E SYN-9344\_B

|           |                   |                      |          |
|-----------|-------------------|----------------------|----------|
| SIZE<br>B | DATE<br>MAY-27-25 | DWG. NO.<br>SYN-9344 | REV<br>B |
|-----------|-------------------|----------------------|----------|

|              |            |        |              |
|--------------|------------|--------|--------------|
| SCALE: 1.250 | DRAWN: KJD | CHECK: | SHEET 1 of 2 |
|--------------|------------|--------|--------------|

1

2

3

4

A

A

B

B

C

C

D

D

| CONNECTOR / PIN # | COLOR | DESCRIPTION | CONNECTOR / PIN # | TWISTED PAIR # |
|-------------------|-------|-------------|-------------------|----------------|
| LINE 2 / 1*       | BLACK | CH1_B       | LINE 1 / 1        | PAIR 1         |
|                   |       |             | LINE 3 / 1*       |                |
| LINE 2 / 2*       | WHITE | CH1_A       | LINE 1 / 2        |                |
|                   |       |             | LINE 3 / 2*       | PAIR 2         |
| LINE 2 / 3*       | BLACK | GROUND      | LINE 1 / 3        |                |
|                   |       |             | LINE 3 / 3*       |                |
| N/C               | RED   | NOT USED    | N/C               | PAIR 3         |
| LINE 2 / 4*       | BLACK | CH2_B       | LINE 1 / 4        |                |
|                   |       |             | LINE 3 / 4*       |                |
| LINE 2 / 5*       | GREEN | CH2_A       | LINE 1 / 5        | PAIR 4         |
|                   |       |             | LINE 3 / 5*       |                |
| LINE 2 / 14*      | BLACK | CAN_HI      | LINE 1 / 14       |                |
|                   |       |             | LINE 3 / 14*      | PAIR 1         |
| LINE 2 / 15*      | BLUE  | CAN_LO      | LINE 1 / 15       |                |
|                   |       |             | LINE 3 / 15*      |                |
| LINE 4 / 1        | BLACK | CH1_B       | LINE 3 / 1*       | PAIR 2         |
| LINE 4 / 2        | WHITE | CH1_A       | LINE 3 / 2*       |                |
| LINE 4 / 3        | BLACK | GROUND      | LINE 3 / 3*       |                |
| N/C               | RED   | NOT USED    | N/C               | PAIR 3         |
| LINE 4 / 4        | BLACK | CH2_B       | LINE 3 / 4*       |                |
| LINE 4 / 5        | GREEN | CH2_A       | LINE 3 / 5*       |                |
| LINE 4 / 14       | BLACK | CAN_HI      | LINE 3 / 14*      | PAIR 4         |
| LINE 4 / 15       | BLUE  | CAN_LO      | LINE 3 / 15*      |                |
| LINE 1/8          | N/A   | Cable ID    | LINE 1/10*        | JUMPER         |
| LINE 1/9          | N/A   | Cable ID    | LINE 1/10*        | JUMPER         |
| LINE 1/12         | N/A   | Cable ID    | LINE 1/10*        | JUMPER         |
| LINE 2/8          | N/A   | Cable ID    | LINE 2/10*        | JUMPER         |
| LINE 2/9          | N/A   | Cable ID    | LINE 2/10*        | JUMPER         |
| LINE 2/12         | N/A   | Cable ID    | LINE 2/10*        | JUMPER         |
| LINE 3/8          | N/A   | Cable ID    | LINE 3/10*        | JUMPER         |
| LINE 3/9          | N/A   | Cable ID    | LINE 3/10*        | JUMPER         |
| LINE 3/12         | N/A   | Cable ID    | LINE 3/10*        | JUMPER         |
| LINE 4/8          | N/A   | Cable ID    | LINE 4/10*        | JUMPER         |
| LINE 4/9          | N/A   | Cable ID    | LINE 4/10*        | JUMPER         |
| LINE 4/12         | N/A   | Cable ID    | LINE 4/10*        | JUMPER         |

\* NOTE = DOUBLE WIRE CONNECTIONS



**TOLERANCES:**  
UNLESS OTHERWISE SPECIFIED:  
ALL DIMENSIONS IN INCHES  
.X +/- 0.025  
.XX +/- 0.010  
.XXX +/- 0.005  
ANGLES +/- 1°

THIRD ANGLE PROJECTION



155 SWANSON ROAD  
BOXBOROUGH, MA 01719-1316

**4 UNIT PARALLEL / SYNC  
CONFIGURATION CABLE**

SOURCE: PRO/E SYN-9344\_B

SIZE  
**B**

DATE  
**MAY-27-25**

DWG. NO.  
**SYN-9344**

REV  
**B**

SCALE: 0.250    DRAWN: KJD    CHECK:    SHEET 2 of 2

1

2

3

4