

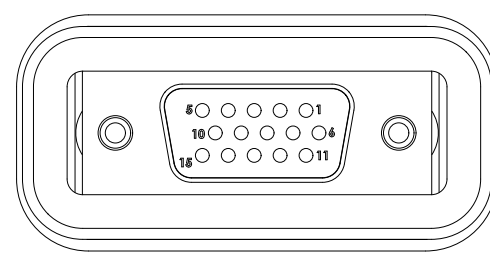
1

2

3

4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE PER ECO 22-28748	04/26/22	K.DUBROWN



DB15 FEMALE
SCALE 1.500

A

A

B

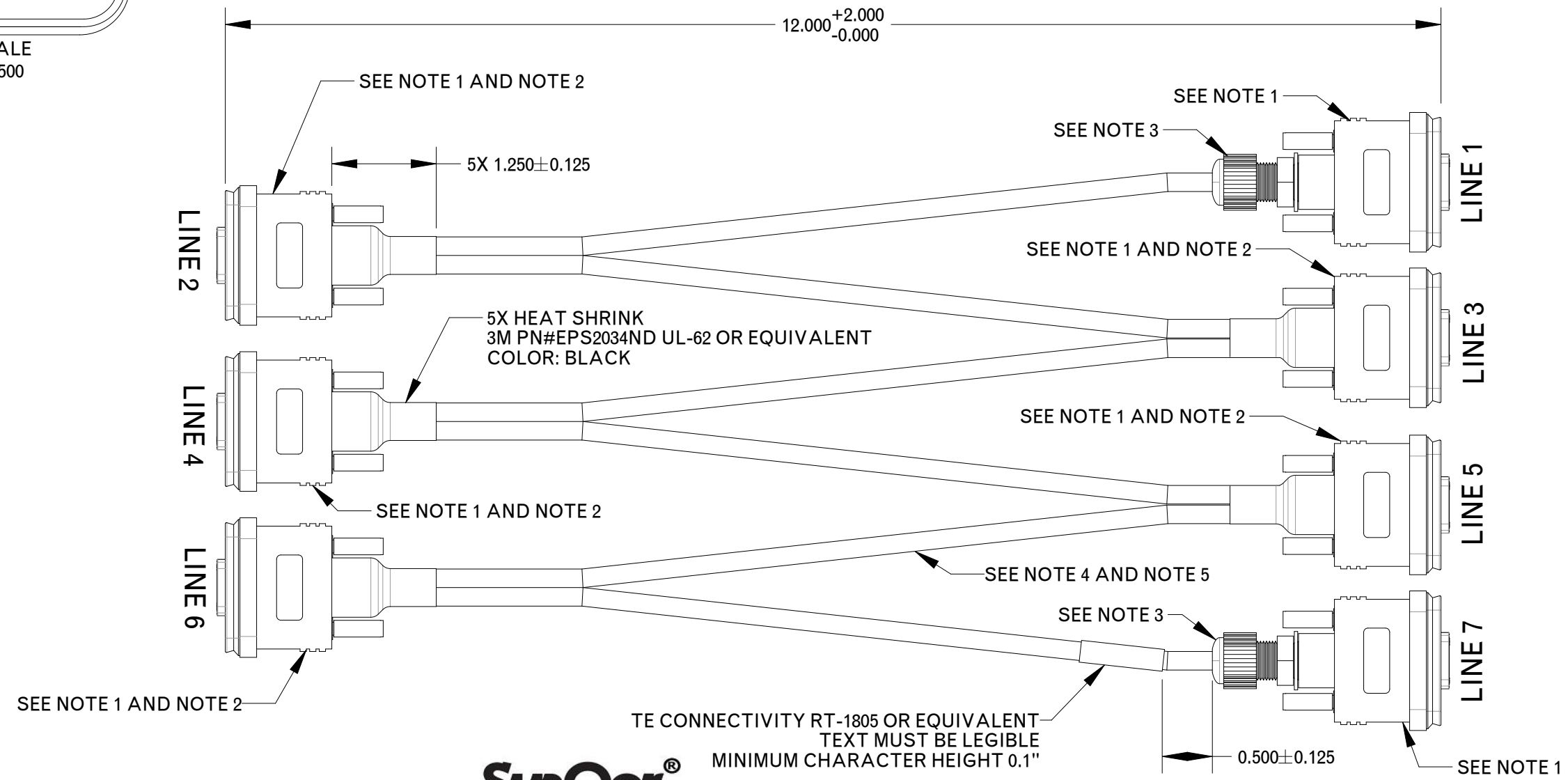
B

C

C

D

D



TE CONNECTIVITY RT-1805 OR EQUIVALENT
TEXT MUST BE LEGIBLE
MINIMUM CHARACTER HEIGHT 0.1"

LABEL FORMAT:
SYNQOR LOGO (AS PROVIDED)
SYN CABLE # (SYN-9347, LARGER TEXT)
DRAWING # (705-1000324) / REV
DATE CODE (YYWW)

NOTES:

1. USE NORCOMP 967-009-010R011 AND 780-M15-203L001 OR EQUIVALENT
2. SEAL BACK END OF CONNECTOR WITH 3M DP100FR OR EQUIVALENT
3. TORQUE SETTING 7.1-9.5 IN.LBS [7-11 KGF.CM]
4. CONNECT SHIELDING TO ALL CONNECTOR SHELLS
5. USE 24 AWG SHIELDED WIRE WITH 8 CONDUCTOR, 4 TWISTED PAIR, UL CMP WIRE INSULATION: TPE 350V, -50 to 90 C OVERALL NOMINAL WIRE DIAMETER: 0.252", USE SAB 07890425 OR EQUIVALENT
6. ASSEMBLE CABLE PER IPC/WHMA-A-620, CLASS 3
7. ALL PARTS MUST BE ROHS COMPLIANT
8. ALL PARTS/COMPONENTS MUST BE FREE OF DAMAGE, CUTS.
9. A CERTIFICATE OF CONFORMANCE (C OF C) NEEDS TO BE PROVIDED WITH EACH NEW LOT THAT INDICATES THE PARTS HAVE BEEN MANUFACTURED PER THE SPECIFICATIONS SUPPLIED BY SYNQOR.
10. CABLE MUST BE TESTED FOR TWISTED PAIR VERIFICATION VIA CIRRUS TOUCH ONE, FLUKE MICRO-MAPPER, OR EQUIVALENT.
11. ALL EQUIVALENT CHANGES MUST BE REVIEWED BY SYNQOR AND APPROVED PRIOR TO USE.
12. WIRE CONNECTIONS TABLE INCLUDED ON SHEET 2.

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

THIRD ANGLE PROJECTION

THIS DRAWING IS THE PROPERTY OF SYNQOR INC. IT IS NOT TO BE REPRODUCED OR COPIED, IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, OR FOR ANY PURPOSE DETRIMENTAL TO THE INTERESTS OF SYNQOR. THE INFORMATION SHOWN HEREIN MAY BE PROTECTED BY PATENTS OWNED OR CONTROLLED BY SYNQOR

		155 SWANSON ROAD BOXBOROUGH, MA 01719-1316	
		7 UNIT PARALLEL SYNC CONFIGURATION CABLE FABRICATION DRAWING FOR SYN-9347	
SOURCE: PRO/E 705-1000324_A			
SIZE	DATE	DWG. NO.	REV
B	APR-26-22	705-1000324	A
SCALE: 0.625	DRAWN: KJD	CHECK:	SHEET 1 of 2

1

2

3

4

A

B

C

D

CONNECTOR / PIN #	COLOR	DESCRIPTION	CONNECTOR / PIN #	TWISTED PAIR #
LINE2 / 1*	BROWN	CH1_B	LINE1 / 1	PAIR 1
			LINE3 / 1*	
LINE2 / 2*	WHITE	CH1_A	LINE1 / 2	PAIR 2
			LINE3 / 2*	
LINE2 / 3*	GRAY	GROUND	LINE1 / 3	PAIR 3
			LINE3 / 3*	
N/C	PINK	NOT USED	N/C	
LINE2 / 4*	YELLOW	CH2_B	LINE1 / 4	PAIR 4
			LINE3 / 4*	
LINE2 / 5*	GREEN	CH2_A	LINE1 / 5	PAIR 1
			LINE3 / 5*	
LINE2 / 14*	RED	CAN_HI	LINE1 / 14	PAIR 2
			LINE3 / 14*	
LINE2 / 15*	BLUE	CAN_LO	LINE1 / 15	PAIR 3
			LINE3 / 15*	
LINE4 / 1*	BROWN	CH1_B	LINE3 / 1*	PAIR 1
			LINE5 / 1*	
LINE4 / 2*	WHITE	CH1_A	LINE3 / 2*	PAIR 2
			LINE5 / 2*	
LINE4 / 3*	GRAY	GROUND	LINE3 / 3*	PAIR 3
			LINE5 / 3*	
N/C	PINK	NOT USED	N/C	
LINE4 / 4*	YELLOW	CH2_B	LINE3 / 4*	PAIR 4
			LINE5 / 4*	
LINE4 / 5*	GREEN	CH2_A	LINE3 / 5*	PAIR 1
			LINE5 / 5*	
LINE4 / 14*	RED	CAN_HI	LINE3 / 14*	PAIR 2
			LINE5 / 14*	
LINE4 / 15*	BLUE	CAN_LO	LINE3 / 15*	PAIR 3
			LINE5 / 15*	
LINE6 / 1*	BROWN	CH1_B	LINE5 / 1*	PAIR 1
			LINE7 / 1	
LINE6 / 2*	WHITE	CH1_A	LINE5 / 2*	PAIR 2
			LINE7 / 2	
LINE6 / 3*	GRAY	GROUND	LINE5 / 3*	PAIR 3
			LINE7 / 3	
N/C	PINK	NOT USED	N/C	
LINE6 / 4*	YELLOW	CH2_B	LINE5 / 4*	PAIR 4
			LINE7 / 4	
LINE6 / 5*	GREEN	CH2_A	LINE5 / 5*	PAIR 1
			LINE7 / 5	
LINE6 / 14*	RED	CAN_HI	LINE5 / 14*	PAIR 2
			LINE7 / 14	
LINE6 / 15*	BLUE	CAN_LO	LINE5 / 15*	PAIR 3
			LINE7 / 15	

CONNECTOR / PIN #	COLOR	DESCRIPTION	CONNECTOR / PIN #	TWISTED PAIR #
LINE1/8	N/A	CABLE ID	LINE1/10*	JUMPER
LINE1/9	N/A	CABLE ID	LINE1/10*	JUMPER
LINE1/12	N/A	CABLE ID	LINE1/10*	JUMPER
LINE2/8	N/A	CABLE ID	LINE2/10*	JUMPER
LINE2/9	N/A	CABLE ID	LINE2/10*	JUMPER
LINE2/12	N/A	CABLE ID	LINE2/10*	JUMPER
LINE3/8	N/A	CABLE ID	LINE3/10*	JUMPER
LINE3/9	N/A	CABLE ID	LINE3/10*	JUMPER
LINE3/12	N/A	CABLE ID	LINE3/10*	JUMPER
LINE4/8	N/A	CABLE ID	LINE4/10*	JUMPER
LINE4/9	N/A	CABLE ID	LINE4/10*	JUMPER
LINE4/12	N/A	CABLE ID	LINE4/10*	JUMPER
LINE5/8	N/A	CABLE ID	LINE5/10*	JUMPER
LINE5/9	N/A	CABLE ID	LINE5/10*	JUMPER
LINE5/12	N/A	CABLE ID	LINE5/10*	JUMPER
LINE6/8	N/A	CABLE ID	LINE6/10*	JUMPER
LINE6/9	N/A	CABLE ID	LINE6/10*	JUMPER
LINE6/12	N/A	CABLE ID	LINE6/10*	JUMPER
LINE7/8	N/A	CABLE ID	LINE7/10*	JUMPER
LINE7/9	N/A	CABLE ID	LINE7/10*	JUMPER
LINE7/12	N/A	CABLE ID	LINE7/10*	JUMPER



A

B

C

D

* NOTE = DOUBLE WIRE CONNECTIONS

TOLERANCES: UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN INCHES .X +/- 0.025 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- 1°				155 SWANSON ROAD BOXBOROUGH, MA 01719-1316	
	7 UNIT PARALLEL SYNC CONFIGURATION CABLE FABRICATION DRAWING FOR SYN-9347				
SOURCE: PRO/E 705-1000324_A					
SIZE	DATE	DWG. NO.	REV		
B	APR-26-22	705-1000324	A		
SCALE: 0.300		DRAWN: KJD	CHECK:	SHEET 2 of 2	