

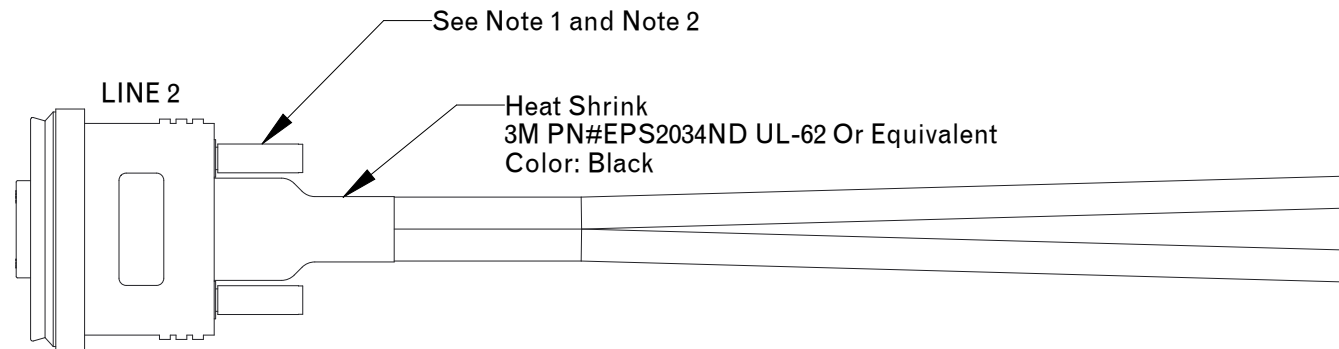
SCALE 1.500

DB15 Female

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Release to Production Per ECO 18-23496	2/22/18	DS

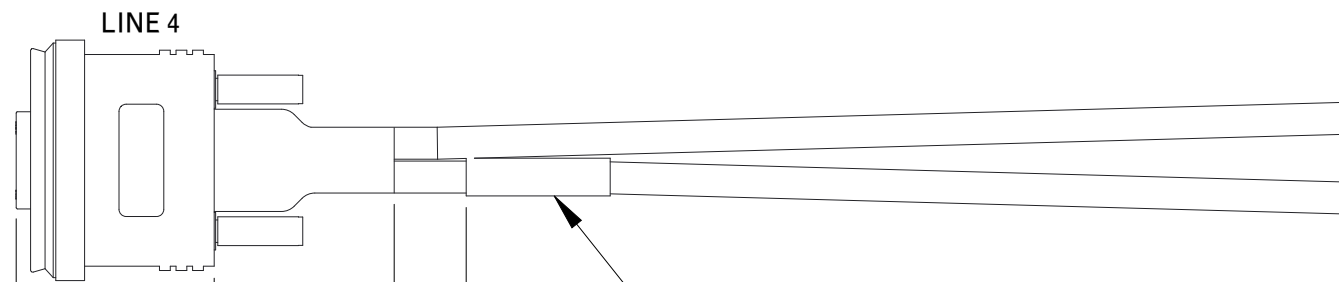
A

A



B

B



1.250±0.125

0.50±0.25

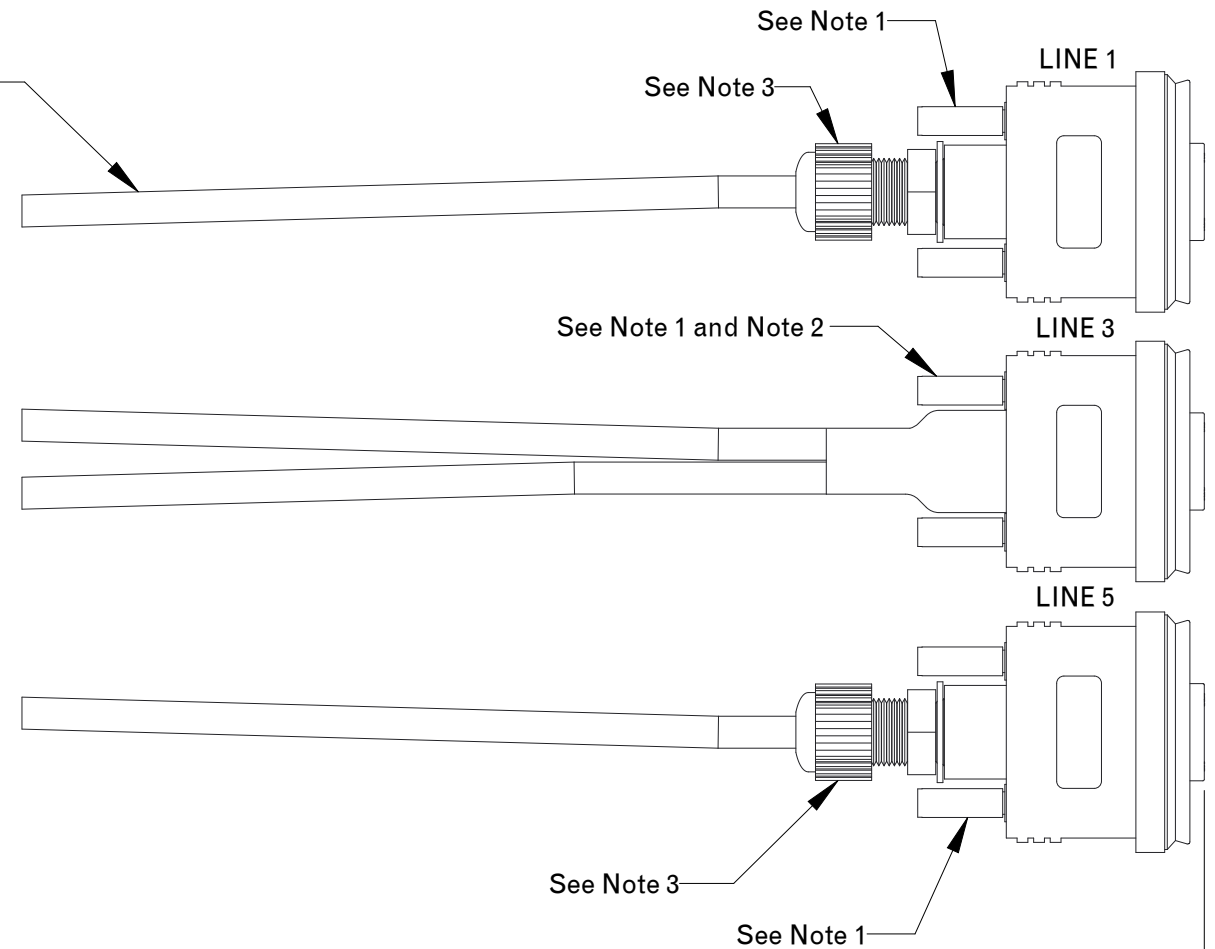
TE Connectivity RT-1805 Or Equivalent
Text Has To Be Legible With A
Minimum Of .1" Character Height

Label Format:
SynQor Logo (As Provided)
SYN Cable # (SYN-9345, Larger Text)
Drawing # (705-1000258) / REV
Date code (YYWW)



36.000^{+2.000}_{-0.000}

See Note 4 and Note 5



C

C

D

D

TOLERANCES: Unless otherwise specified: All dimensions in inches .X +/- .025 .XX +/- .010 .XXX +/- .005 Angles +/- 1°					155 Swanson Road Boxborough, MA 01719-1316	
	UPS 5 Unit Single Phase Redundancy Configuration Cable PN# SYN-9345				SOURCE: PRO/E 705-1000258	
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SCALE: 0.750		DRAWN: DS		CHECK:		
				SHEET 1 of 2		

1

2

3

4

A

A

B

B

C

C

D

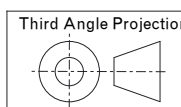

D

Connector / Pin #	Color	Description	Connector / Pin #	Twisted Pair #
Line2 / 1*	BLACK	CH1_B	Line1 / 1	Pair 1
			Line3 / 1*	
Line2 / 2*	WHITE	CH1_A	Line1 / 2	Pair 1
			Line3 / 2*	
Line2 / 3*	BLACK	GROUND	Line1 / 3	Pair 2
			Line3 / 3*	
N/C	RED	NOT USED	N/C	
Line2 / 4*	BLACK	CH2_B	Line1 / 4	Pair 3
			Line3 / 4*	
Line2 / 5*	GREEN	CH2_A	Line1 / 5	Pair 3
			Line3 / 5*	
Line2 / 14*	BLACK	CAN_HI	Line1 / 14	Pair 4
			Line3 / 14*	
Line2 / 15*	BLUE	CAN_LO	Line1 / 15	Pair 4
			Line3 / 15*	
Line4 / 1*	BLACK	CH1_B	Line3 / 1*	Pair 1
			Line5 / 1	
Line4 / 2*	WHITE	CH1_A	Line3 / 2*	Pair 1
			Line5 / 2	
Line4 / 3*	BLACK	GROUND	Line3 / 3*	Pair 2
			Line5 / 3	
N/C	RED	NOT USED	N/C	
Line4 / 4*	BLACK	CH2_B	Line3 / 4*	Pair 3
			Line5 / 4	
Line4 / 5*	GREEN	CH2_A	Line3 / 5*	Pair 3
			Line5 / 5	
Line4 / 14*	BLACK	CAN_HI	Line3 / 14*	Pair 4
			Line5 / 14	
Line4 / 15*	BLUE	CAN_LO	Line3 / 15*	Pair 4
			Line5 / 15	
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

* Note = Double Wire Connections

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 BOTH 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: .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.

TOLERANCES: Unless otherwise specified: All dimensions in inches .X +/- .025 .XX +/- .010 .XXX +/- .005 Angles +/- 1°					155 Swanson Road Boxborough, MA 01719-1316	
			UPS 5 Unit Single Phase Redundancy Configuration Cable PN# SYN-9345			
SOURCE: PRO/E 705-1000258			SIZE	DATE	DWG. NO.	REV
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SCALE: 0.750		DRAWN:DS		CHECK:		SHEET 2 of 2