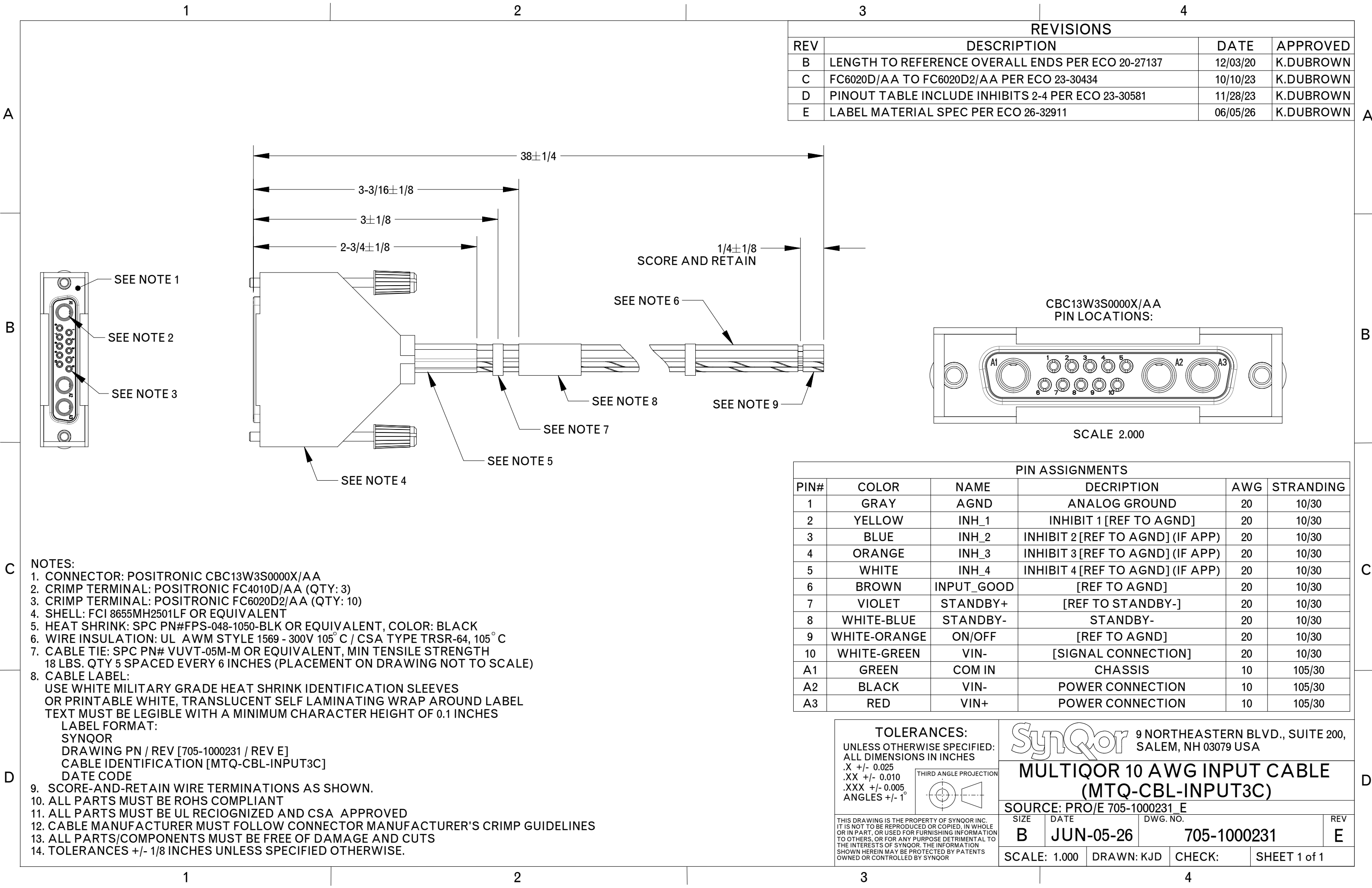
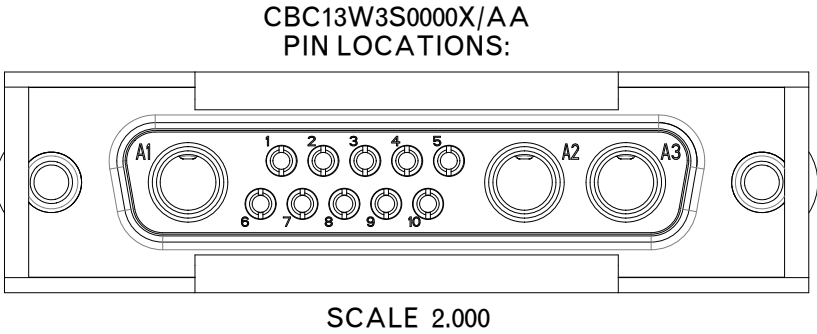




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	LENGTH TO REFERENCE OVERALL ENDS PER ECO 20-27137	12/03/20	K.DUBROWN
C	FC6020D/AA TO FC6020D2/AA PER ECO 23-30434	10/10/23	K.DUBROWN
D	PINOUT TABLE INCLUDE INHIBITS 2-4 PER ECO 23-30581	11/28/23	K.DUBROWN
E	LABEL MATERIAL SPEC PER ECO 26-32911	06/05/26	K.DUBROWN



PIN ASSIGNMENTS					
PIN#	COLOR	NAME	DECRPTION	AWG	STRANDING
1	GRAY	AGND	ANALOG GROUND	20	10/30
2	YELLOW	INH_1	INHIBIT 1 [REF TO AGND]	20	10/30
3	BLUE	INH_2	INHIBIT 2 [REF TO AGND] (IF APP)	20	10/30
4	ORANGE	INH_3	INHIBIT 3 [REF TO AGND] (IF APP)	20	10/30
5	WHITE	INH_4	INHIBIT 4 [REF TO AGND] (IF APP)	20	10/30
6	BROWN	INPUT_GOOD	[REF TO AGND]	20	10/30
7	VIOLET	STANDBY+	[REF TO STANDBY-]	20	10/30
8	WHITE-BLUE	STANDBY-	STANDBY-	20	10/30
9	WHITE-ORANGE	ON/OFF	[REF TO AGND]	20	10/30
10	WHITE-GREEN	VIN-	[SIGNAL CONNECTION]	20	10/30
A1	GREEN	COM IN	CHASSIS	10	105/30
A2	BLACK	VIN-	POWER CONNECTION	10	105/30
A3	RED	VIN+	POWER CONNECTION	10	105/30

- NOTES:
- CONNECTOR: POSITRONIC CBC13W3S0000X/AA
 - CRIMP TERMINAL: POSITRONIC FC4010D/AA (QTY: 3)
 - CRIMP TERMINAL: POSITRONIC FC6020D2/AA (QTY: 10)
 - SHELL: FCI 8655MH2501LF OR EQUIVALENT
 - HEAT SHRINK: SPC PN#FPS-048-1050-BLK OR EQUIVALENT, COLOR: BLACK
 - WIRE INSULATION: UL AWM STYLE 1569 - 300V 105° C / CSA TYPE TRSR-64, 105° C
 - CABLE TIE: SPC PN# VUVT-05M-M OR EQUIVALENT, MIN TENSILE STRENGTH 18 LBS. QTY 5 SPACED EVERY 6 INCHES (PLACEMENT ON DRAWING NOT TO SCALE)
 - CABLE LABEL:
USE WHITE MILITARY GRADE HEAT SHRINK IDENTIFICATION SLEEVES
OR PRINTABLE WHITE, TRANSLUCENT SELF LAMINATING WRAP AROUND LABEL
TEXT MUST BE LEGIBLE WITH A MINIMUM CHARACTER HEIGHT OF 0.1 INCHES
LABEL FORMAT:
SYNQOR
DRAWING PN / REV [705-1000231 / REV E]
CABLE IDENTIFICATION [MTQ-CBL-INPUT3C]
DATE CODE
 - SCORE-AND-RETAIN WIRE TERMINATIONS AS SHOWN.
 - ALL PARTS MUST BE ROHS COMPLIANT
 - ALL PARTS MUST BE UL RECOGNIZED AND CSA APPROVED
 - CABLE MANUFACTURER MUST FOLLOW CONNECTOR MANUFACTURER'S CRIMP GUIDELINES
 - ALL PARTS/COMPONENTS MUST BE FREE OF DAMAGE AND CUTS
 - TOLERANCES +/- 1/8 INCHES UNLESS SPECIFIED OTHERWISE.

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

THIRD ANGLE PROJECTION

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SynQor

9 NORTHEASTERN BLVD., SUITE 200,
SALEM, NH 03079 USA

MULTIQOR 10 AWG INPUT CABLE
(MTQ-CBL-INPUT3C)

SOURCE: PRO/E 705-1000231_E

SIZE	DATE	DWG. NO.	REV
B	JUN-05-26	705-1000231	E
SCALE: 1.000	DRAWN: KJD	CHECK:	SHEET 1 of 1