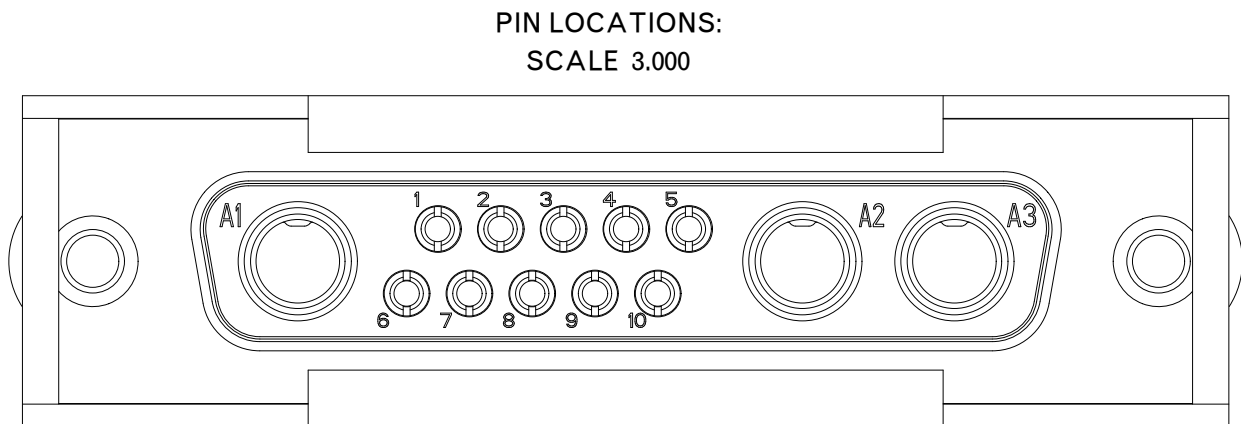


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE PER ECO 13-16882	08/27/13	L. PITZELE
B	LENGTH SPEC PER ECO 20-27116	11/17/20	K.DUBROWN
C	PINOUT TABLE INCLUDE INHIBITS 2-4 PER ECO 23-30581	11/28/23	K.DUBROWN
D	NOTE 3 FROM FC6020D/AA TO FC6020D2/AA PER ECO 23-30661	12/27/23	K.DUBROWN



PIN ASSIGNMENTS					
PIN#	COLOR	NAME	DESCRIPTION	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	12	26/30
A2	BLACK	VIN-	POWER CONNECTION	12	65/30
A3	RED	VIN+	POWER CONNECTION	12	65/30

- NOTES:
- CONNECTOR: POSITRONIC CBC13W3S0000X/AA
 - CRIMP TERMINAL: POSITRONIC FC4012D/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 6" (PLACEMENT ON DRAWING NOT TO SCALE)
 - LABEL: TEXT MUST BE LEGIBLE WITH A MINIMUM OF .1" TALL CHARACTER HEIGHT.
LABEL FORMAT:
SYNQOR
CABLE PN/REV
DATE CODE (YYWW)
 - STRIP-AND-RETAIN WIRE ENDS.
 - 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" UNLESS SPECIFIED OTHERWISE.

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	
	MULTIQOR INPUT CABLE MTQ-CBL-INPUT1C					
SOURCE: PRO/E 705-1000118_D						
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SCALE: 1.000		DRAWN: KJD		CHECK:		SHEET 1 of 1