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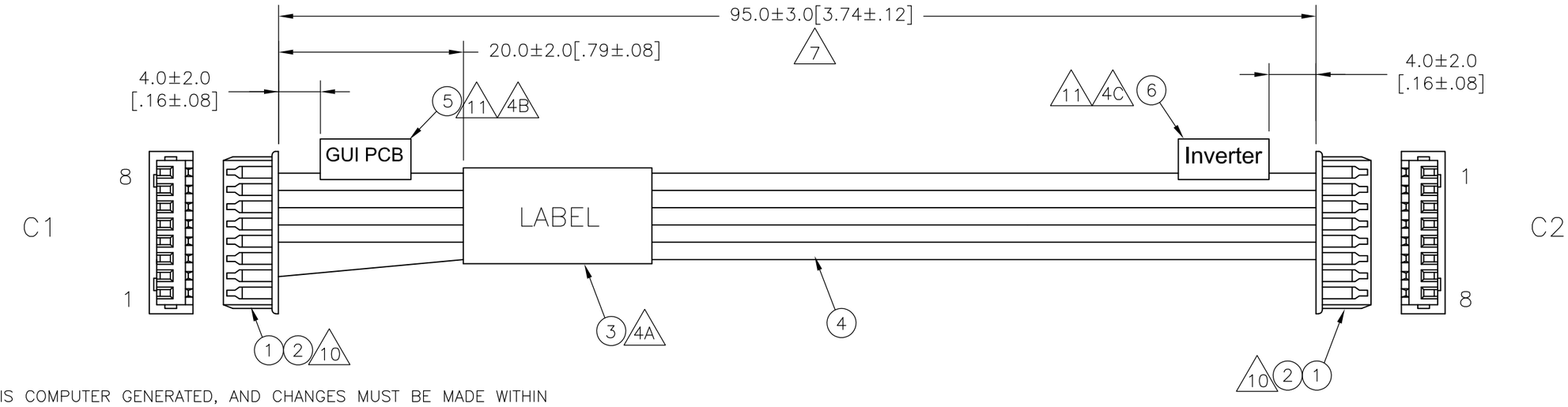
LOC	DIST
CF	71

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	REVISED PER ECO-11-020329	12OCT11	MF	GF



NOTES:

1. THIS DRAWING IS COMPUTER GENERATED, AND CHANGES MUST BE MADE WITHIN THE DATA BASE.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M–1994.
3. INSTALL CONNECTORS AS PER MANUFACTURER'S INSTRUCTIONS.
4. LABELS LOCATED APPROXIMATELY WHERE SHOWN, AND TO BE READ AS BELOW:

4A: CUSTOMER P/N / REV * / TE WW/YY
4B: GUI PCB
4C: Inverter

5. ALL CABLES SHALL MEET HARNESS/CABLE NPB MFG SPEC 4–021759–00 (LATEST REVISION) WITH THE EXCEPTION OF SECTION 3.2, STEP E: THE REQUIRED MINIMUM PULL FORCE VALUE SHALL BE PER THE CRIMP MANUFACTURER SPECIFICATIONS – FOR MOLEX P/N 50079–8100/50079–8000, MINIMUM PULL FORCE IS 2.2LBS.
   – 5 SAMPLES AT THE BEGINNING AND 5 SAMPLES AT THE END OF EACH PRODUCTION LOT MUST BE TESTED USING 1.7" – 2.0" LONG WIRES.
6. CERTIFICATION OF CONFORMANCE IS REQUIRED.
7. ITEM(S) MUST BE SAMPLE INSPECTED, OTHER ITEMS MAY BE INSPECTED TO ASSURE PRODUCT QUALITY.
8. CABLE SHALL BE 100% TESTED WITH AUTOMATED TEST EQUIPMENT FOR THE FOLLOWING:
   A. CONNECTION RESISTANCE SHALL NOT EXCEED 0.8 OHMS. (NOTE: ACTUAL CONNECTION RESISTANCE IS EXPECTED TO BE LESS THAN 0.1 OHMS. THE TEST TOLERANCE IS EXPANDED FOR TEST EQUIPMENT LIMITATIONS).
   B. INSULATION RESISTANCE–100 MEGA OHMS. MIN.
   C. HIPOT–500 VOLTS AT 1 SEC.
9. PACKAGING: PACK CABLES TO AVOID DAMAGE TO THE CONNECTOR LATCHES. USE ANTI–STATIC MATERIALS.
10. EMPTY CAVITIES OF C1&C2 HOUSINGS MUST BE FILLED WITH TERMINALS(ITEM 2).
11. ENSURE CONNECTOR LABELS ARE ATTACHED AT THE CORRECT ENDS OF THE CABLE: "GUI PCB" AT C1 AND "Inverter" AT C2.
12. APPROVAL FROM COVIDIEN IS REQUIRED PRIOR TO ANY CHANGES MADE TO THE RELATED FMEA OR QIP DOCUMENTS.

WIRING DIAGRAM		
C1	WIRE COLOR	C2
8	BLACK	1
7	BLACK	2
6	BLACK	3
5	BLACK	4
4	BLACK	5
2	BLACK	6

TYCO ELECTRONICS P/N	COVIDIEN P/N	REV
1929093–2	10028350	A

QTY	U/M	DESCRIPTION	ITEM
1	PC	LABEL, SIZE:8*35MM,YELLOW:8*6MM.	6
1	PC	LABEL, SIZE:8*35MM,WHITE:8*6MM.	5
AR	MR	UL1061 28AWG COLOR: BLACK. BELDEN P/N: 9986–10	4
1	PC	LABEL, SIZE: 25*35MM, WHITE: 25*13MM.	3
16	PC	TERMINAL, FOR WIRE: 28~26AWG, FOR WIRE INSULATION OD: 0.5~1.04MM, MOLEX P/N: 50079–8000.	2
2	PC	HOUSING, 1.25MM PITACH, 8POS, MOLEX P/N: 51021–0800.	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN	BELL ZHU	05AUG2009
CHK	TEA SU	05AUG2009
APVD	J. RHINE	05AUG2009
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

NAME
840 XENA GUI
BACKLIGHT HARNESS
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1929093	–

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV D