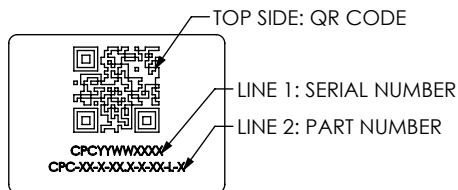


DESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

CPC-16-X-XX.X-2-XX-L-X

DO NOT
SCALE FROM
THIS PRINT



LABEL VIEW

NO. OF PAIRS

CABLE STYLE

- 1: 3492 TwinAx CABLE
- 2: 34100 TwinAx CABLE
- 3: 3492 ThinAx CABLE

CABLE LENGTH

-XX.X (INCHES)
(06.0 INCHES MINIMUM)

PIN OUT

- 1: PIN A1 TO PIN A25,
PIN B1 TO PIN B25
(SEE TABLE 1, SHT 3)
- 2: PIN A1 TO PIN B1,
PIN B1 TO PIN A1
(SEE TABLE 2, SHT 3)

LATCHING

-L: LATCHING

ROW

-2: 2 ROW 16 PAIRS

END 2

-02: CPC

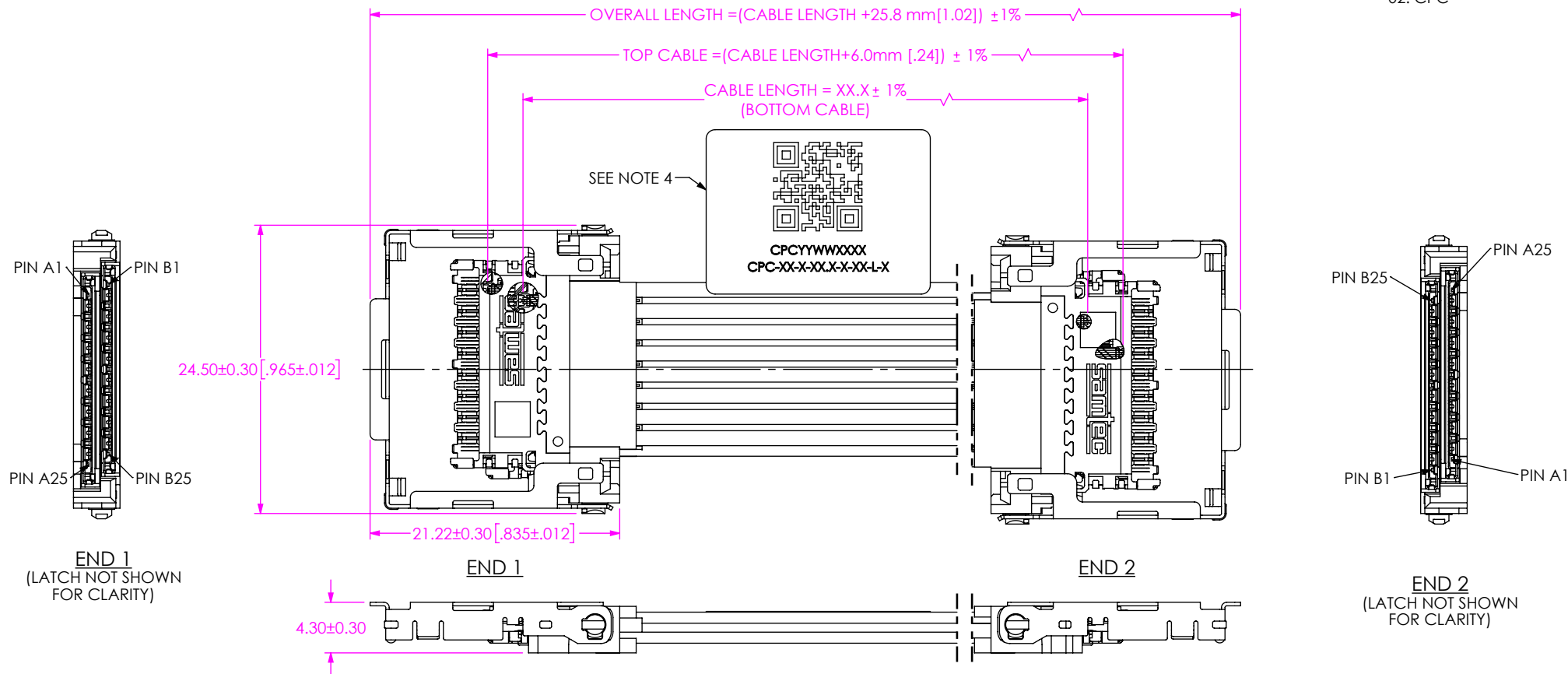


FIG 1
CPC-16-X-XX.X-2-02-L-1 SHOWN

NOTES:

1. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
2. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
3. CABLE LENGTHS LONGER THAN 40 INCHES ARE NOT SUPPORTED BY S.I. TEST DATA.
4. LABEL TO BE CENTERED ON CABLE AS SHOWN. LABEL TO CONTAIN:

TOP SIDE: QR CODE LOCATED AS SHOWN & INCLUDE IN ALL ONE LINE
NO SPACES: "CPCYYWWZZZZ"
WHERE "YY" = YEAR
"WW" = WEEK
"ZZZZ" = UNIQUE IDENTIFIER
LINE 1 - SERIAL NUMBER: "CPCYYWWZZZZ"
LINE 2 - PART NUMBER: "CPC-16-X-XX.X-2-XX-L-X"

PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
TERMINAL: COPPER ALLOY
PLATING: 30μ" SELECTIVE GOLD IN CONTACT AREA
LATCH: SS

SHEET SCALE: 3:1

c:\enterprisevault\DWG\MISC\MKTG\CPC-16-X-XX.X-2-XX-L-X-MKT.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:

CPC 2 ROW CABLE ASSEMBLY

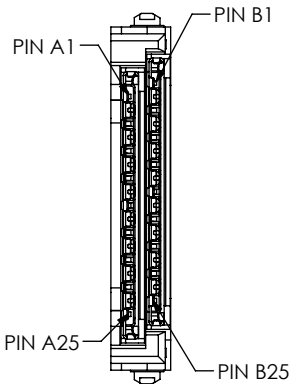
DWG. NO.

CPC-16-X-XX.X-2-XX-L-X

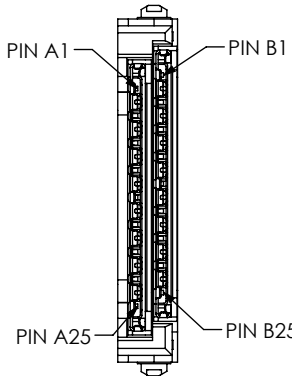
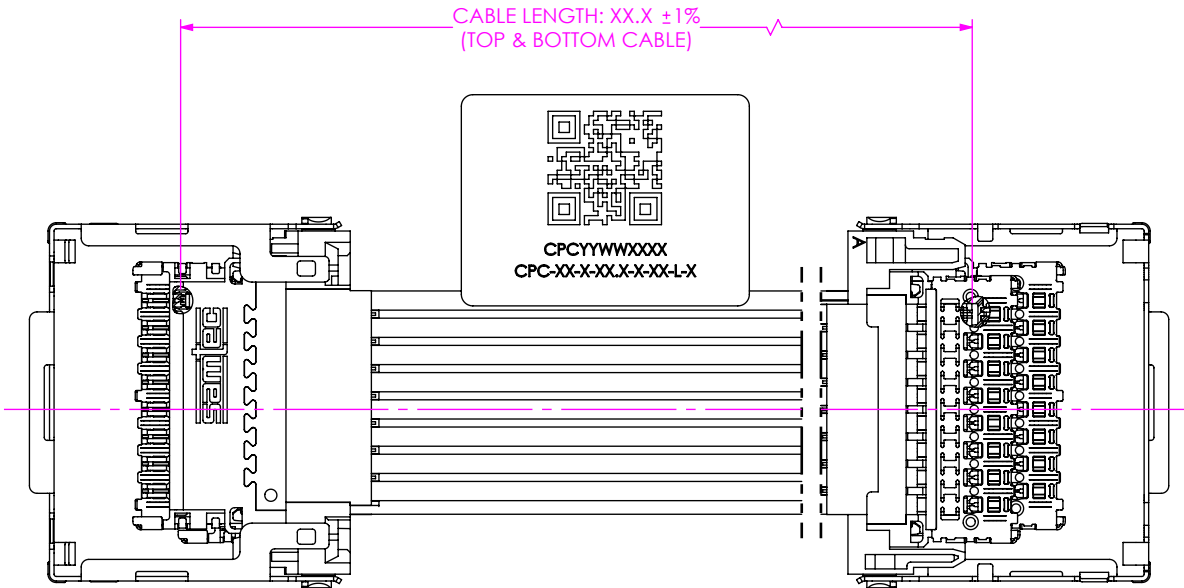
BY: JERRY SU

04/03/2021

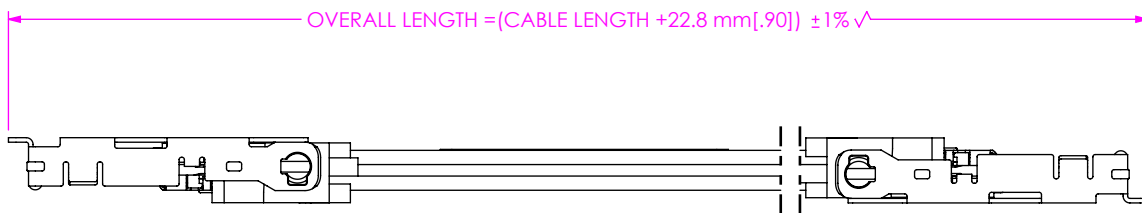
SHEET 1 OF 3



END 1
(LATCH NOT SHOWN
FOR CLARITY)



END 2
(LATCH NOT SHOWN
FOR CLARITY)



xFIG 2
CPC-16-X-XX.X-2-02-L-2 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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	520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
	DO NOT SCALE DRAWING	DESCRIPTION: CPC 2 ROW CABLE ASSEMBLY
	SHEET SCALE: 2:1	DWG. NO. CPC-16-X-XX.X-2-XX-L-X
BY: JERRY SU 04/03/2021		SHEET 2 OF 3

TABLE 1

SIGNAL MAPPING FOR -1

END 1	TYPE	END 2	END 1	TYPE	END 2
A1	GND 1	A25	B1	GND 2	B25
A2	PAIR 1	A24	B2	PAIR 9	B24
A3		A23	B3		B23
A4	GND 1	A22	B4	GND 2	B22
A5	PAIR 2	A21	B5	PAIR 10	B21
A6		A20	B6		B20
A7	GND 1	A19	B7	GND 2	B19
A8	PAIR 3	A18	B8	PAIR 11	B18
A9		A17	B9		B17
A10	GND 1	A16	B10	GND 2	B16
A11	PAIR 4	A15	B11	PAIR 12	B15
A12		A14	B12		B14
A13	GND 1	A13	B13	GND 2	B13
A14	PAIR 5	A12	B14	PAIR 13	B12
A15		A11	B15		B11
A16	GND 1	A10	B16	GND 2	B10
A17	PAIR 6	A9	B17	PAIR 14	B9
A18		A8	B18		B8
A19	GND 1	A7	B19	GND 2	B7
A20	PAIR 7	A6	B20	PAIR 15	B6
A21		A5	B21		B5
A22	GND 1	A4	B22	GND 2	B4
A23	PAIR 8	A3	B23	PAIR 16	B3
A24		A2	B24		B2
A25	GND 1	A1	B25	GND 2	B1

ALL LIKE NAMED GROUNDS ARE COMMON AND TIED TO CABLE SHIELD

ON THE MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS IMPLEMENTING A GND REFERENCE TYING ALL GROUNDS TOGETHER

TABLE 2

SIGNAL MAPPING FOR -2

END 1	TYPE	END 2	END 1	TYPE	END 2
A1	GND 1	B1	B1	GND 2	A1
A2	PAIR 1	B2	B2	PAIR 9	A2
A3		B3	B3		A3
A4	GND 1	B4	B4	GND 2	A4
A5	PAIR 2	B5	B5	PAIR 10	A5
A6		B6	B6		A6
A7	GND 1	B7	B7	GND 2	A7
A8	PAIR 3	B8	B8	PAIR 11	A8
A9		B9	B9		A9
A10	GND 1	B10	B10	GND 2	A10
A11	PAIR 4	B11	B11	PAIR 12	A11
A12		B12	B12		A12
A13	GND 1	B13	B13	GND 2	A13
A14	PAIR 5	B14	B14	PAIR 13	A14
A15		B15	B15		A15
A16	GND 1	B16	B16	GND 2	A16
A17	PAIR 6	B17	B17	PAIR 14	A17
A18		B18	B18		A18
A19	GND 1	B19	B19	GND 2	A19
A20	PAIR 7	B20	B20	PAIR 15	A20
A21		B21	B21		A21
A22	GND 1	B22	B22	GND 2	A22
A23	PAIR 8	B23	B23	PAIR 16	A23
A24		B24	B24		A24
A25	GND 1	B25	B25	GND 2	A25

ALL LIKE NAMED GROUNDS ARE COMMON AND TIED TO CABLE SHIELD

ON THE MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS IMPLEMENTING A GND REFERENCE TYING ALL GROUNDS TOGETHER

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

samtec

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DESCRIPTION: CPC 2 ROW CABLE ASSEMBLY

DWG. NO. CPC-16-X-XX.X-2-XX-L-X

BY: JERRY SU 04/03/2021 SHEET 3 OF 3