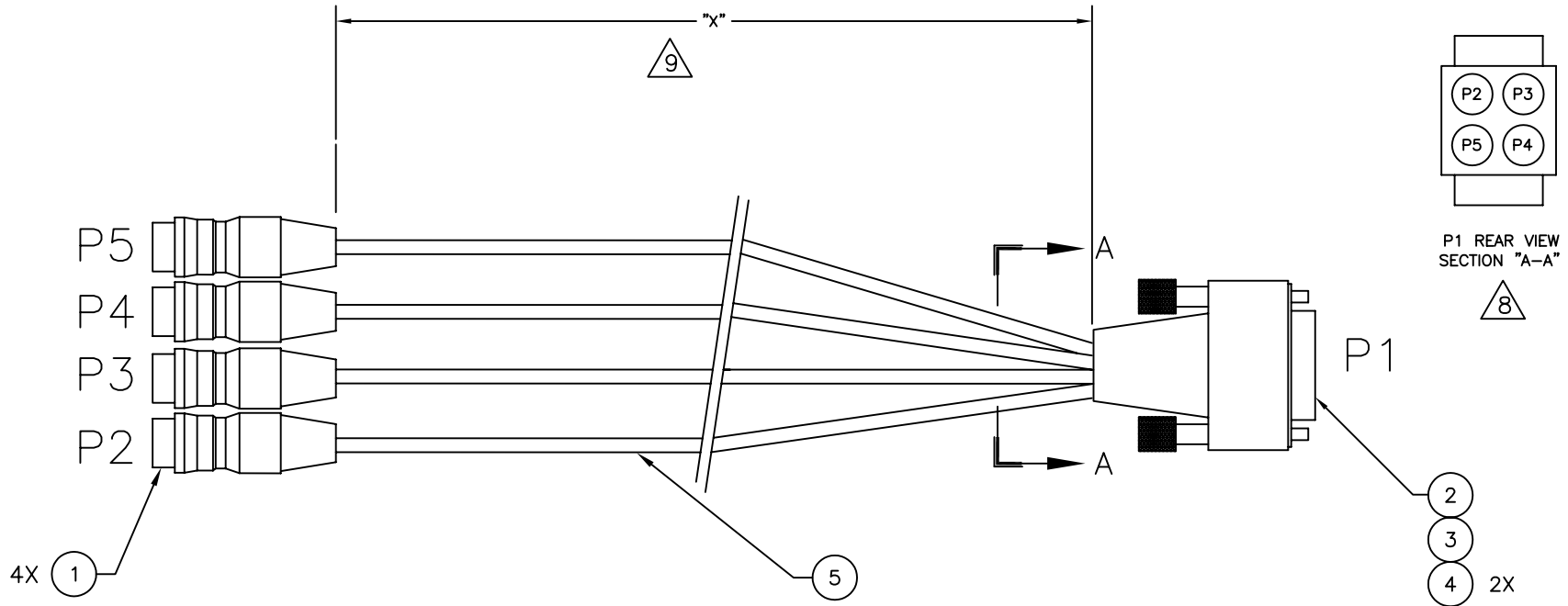


This document contains information believed to be correct at the time of the drawing date. However, Cognex Corp. accepts no responsibility for consequences arising from inaccuracies in the manufacture of cables from this drawing. The information contained herein are subject to change in any manner at any time without notice.



PARTS LIST

ITEM #	QTY	PART #	DESCRIPTION
1	4	HR10A-10J-12S(73)	HIROSE CONNECTOR
2	1	1658671-1	AMP CONNECTOR DSUB DB26 MALE (BLACK OVERMOLDING)
3	1	1658670-1	AMP CONTACT HD #22-28 AWG MALE
4	2	747784-3	AMP JACKSCREW
5	A/R	08ZZTLF006	MADISON CABLE

NOTES:

- 8 CAM 1-4 CABLES MUST EXIT P1 IN THE PATTERN SHOWN IN VIEW "A-A".
- 9 "X" DENOTES THE CABLE LENGTH IN INCHES ± 2 ".

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TOLERANCES		CABLE_ADAPTER_CVM1 ANALOG_INTERNAL_PWR			
X.XX	± .02				
X.XXX	± .005				
ANGLE	± .5 DEG				
DRAWN BY CBG		SIZE C	DATE 11/21/08	DWG NO. REF_D300-0232-XR	REV N/A
APPROVED BY		SCALE: N/A		SHEET 1 of 2	

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WIRING CHART

P1	P2	P3	P4	P5	SIGNAL	WIRE
1			4		VIDEO CAM3	RED CENTER
2			1		GND	RED SHIELD
			3		GND	BLACK SHIELD
			5		GND	ORANGE SHIELD
			12		GND	WHITE SHIELD
3			8		CTRL2 CAM3	YELLOW
4			6		HDRIVE CAM 3	ORANGE CENTER
5		4			VIDEO CAM 2	RED CENTER
6		1			GND	RED SHIELD
		3			GND	BLACK SHIELD
		5			GND	ORANGE SHIELD
		12			GND	WHITE SHIELD
7		7			VDRIVE CAM 2	WHITE CENTER
8	1				GND	RED SHIELD
	3				GND	BLACK SHIELD
	5				GND	ORANGE SHIELD
	12				GND	WHITE SHIELD
9	4				VIDEO CAM 1	RED CENTER
10				7	VDRIVE CAM 4	WHITE CENTER
11				6	HDRIVE CAM 4	ORANGE CENTER
12			10		CTRL1 CAM 3	BLACK CENTER
13			7		VDRIVE CAM 3	WHITE CENTER
14				1	GND	RED SHIELD
				3	GND	BLACK SHIELD
				5	GND	ORANGE SHIELD
				12	GND	WHITE SHIELD
15		10			CTRL1 CAM 2	BLACK CENTER
16		8			CTRL2 CAM 2	YELLOW
17		6			HDRIVE CAM 2	ORANGE CENTER
18	10				CTRL1 CAM 1	BLACK CENTER
19				10	CTRL1 CAM 4	BLACK CENTER
20				8	CTRL2 CAM 4	YELLOW
21			2	2	+12V	BLUE
22				4	VIDEO CAM 4	RED CENTER
23	2	2			+12V	BLUE
24	8				CTRL2 CAM 1	YELLOW
25	6				HDRIVE CAM 1	ORANGE CENTER
26	7				VDRIVE CAM 1	WHITE CENTER

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TOLERANCES					
X.XX	± .02	CABLE_ADAPTER_CVM1 ANALOG_INTERNAL_PWR			
X.XXX	± .005				
ANGLE	± .5 DEG				
OWNER BY CBG	SIZE C	DATE 11/21/08	DWG NO. REF_D300-0232-XR	REV N/A	SHEET 2 of 2
APPROVED BY		SCALE: N/A			

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