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REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

D

D

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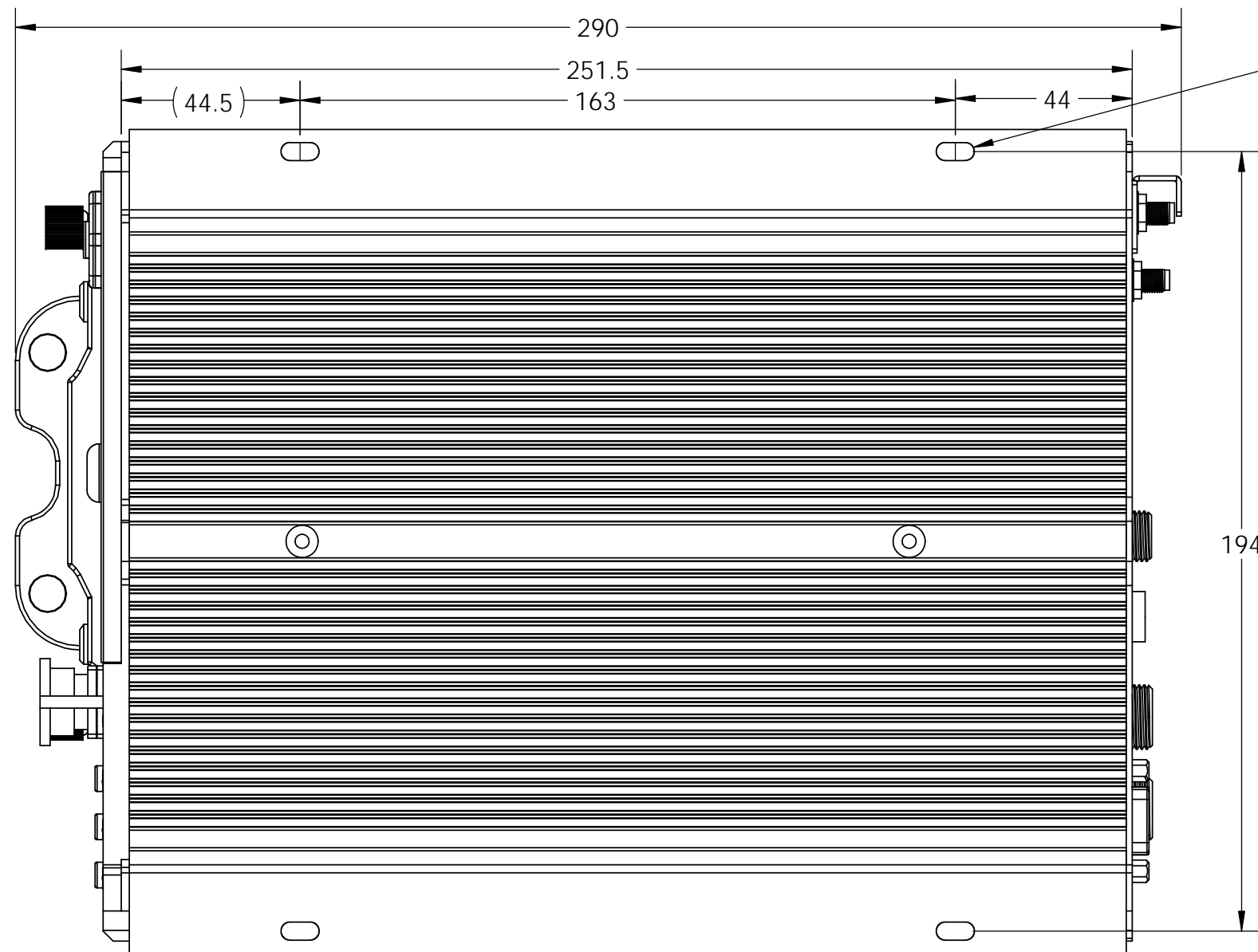
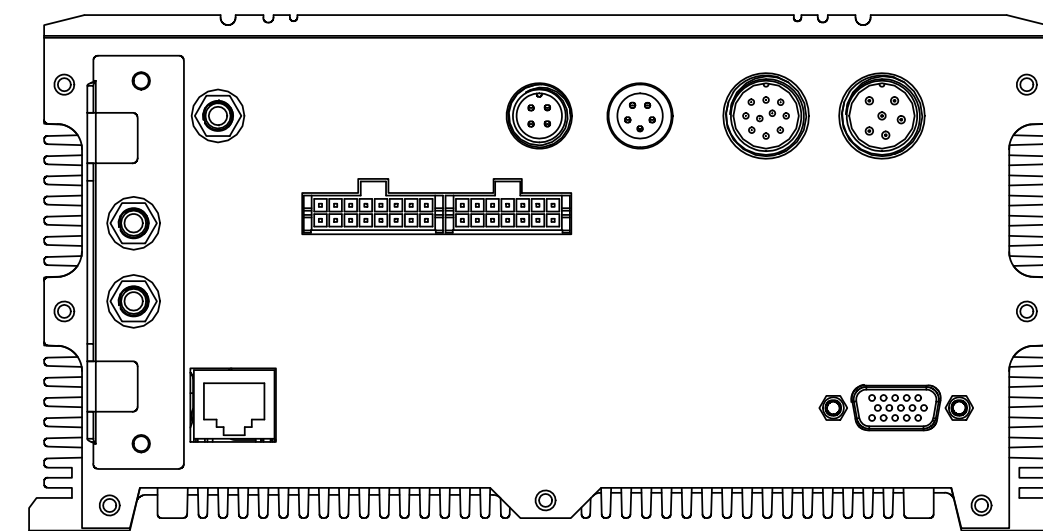
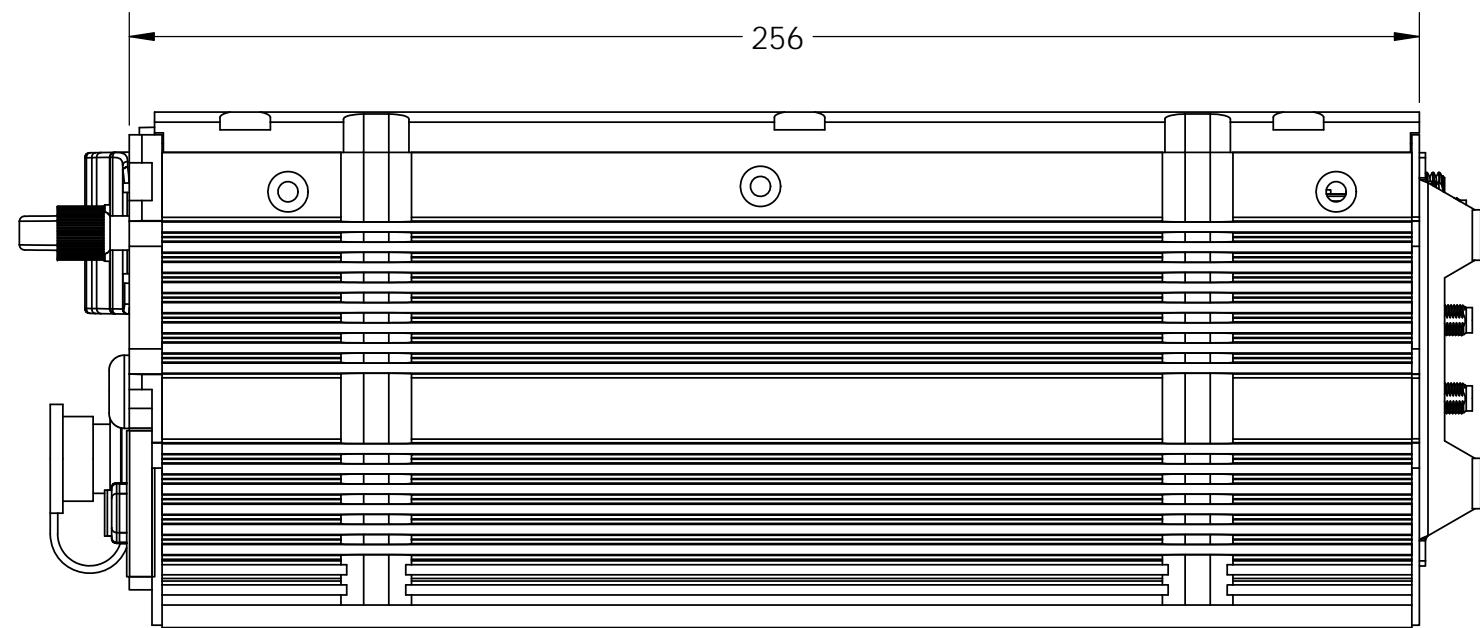
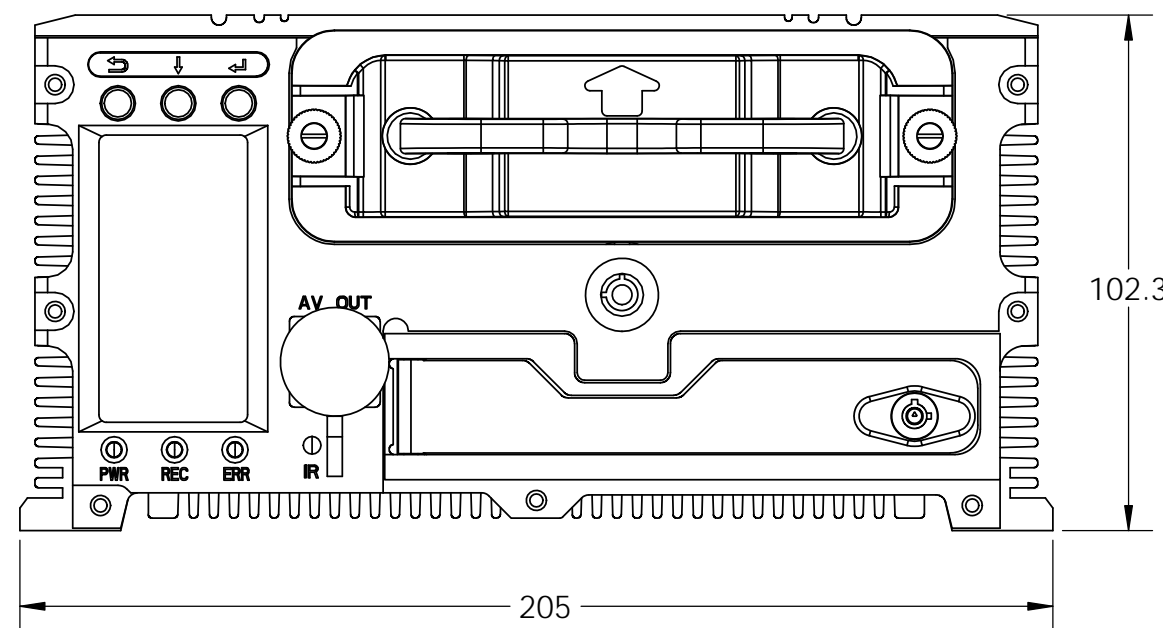
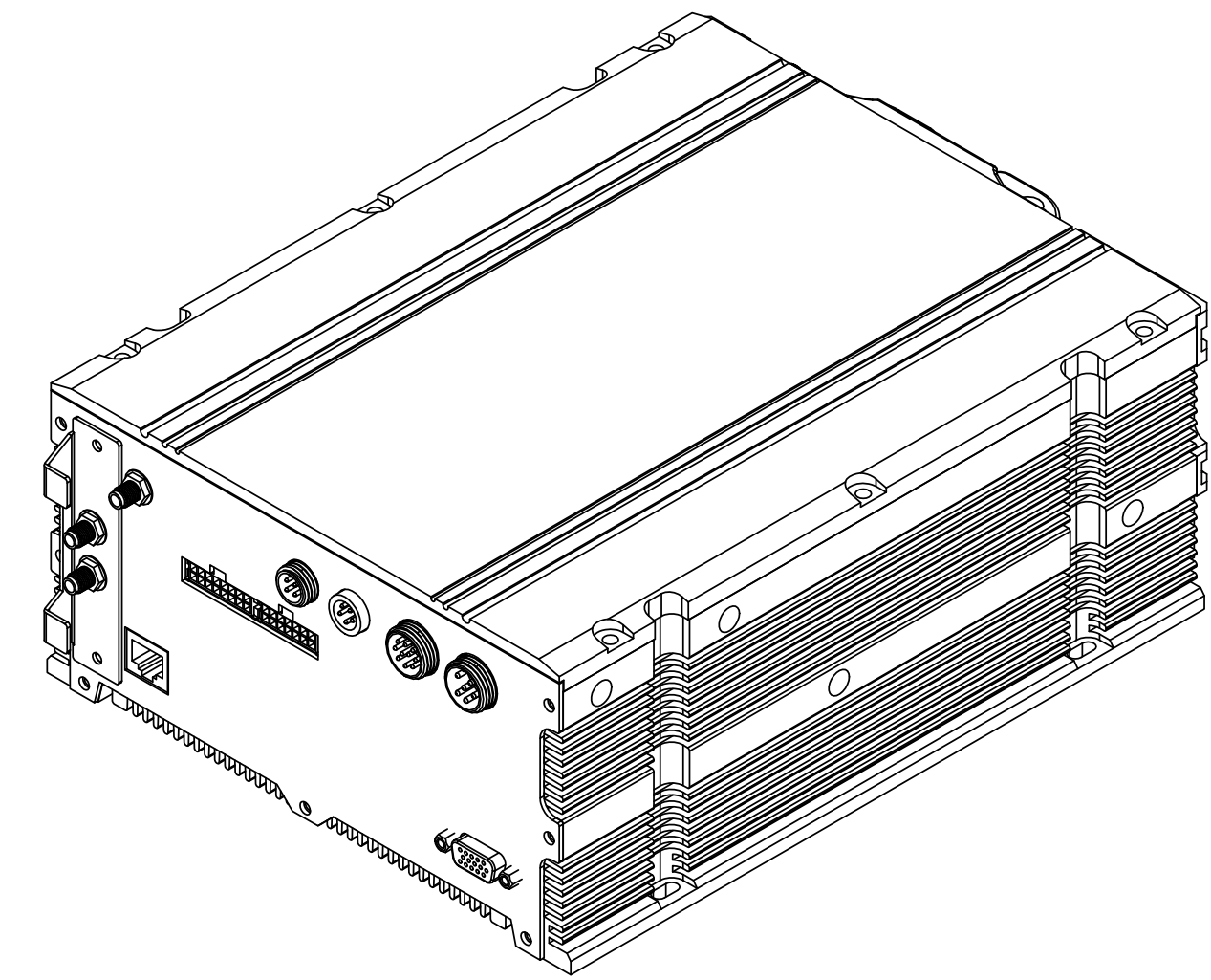
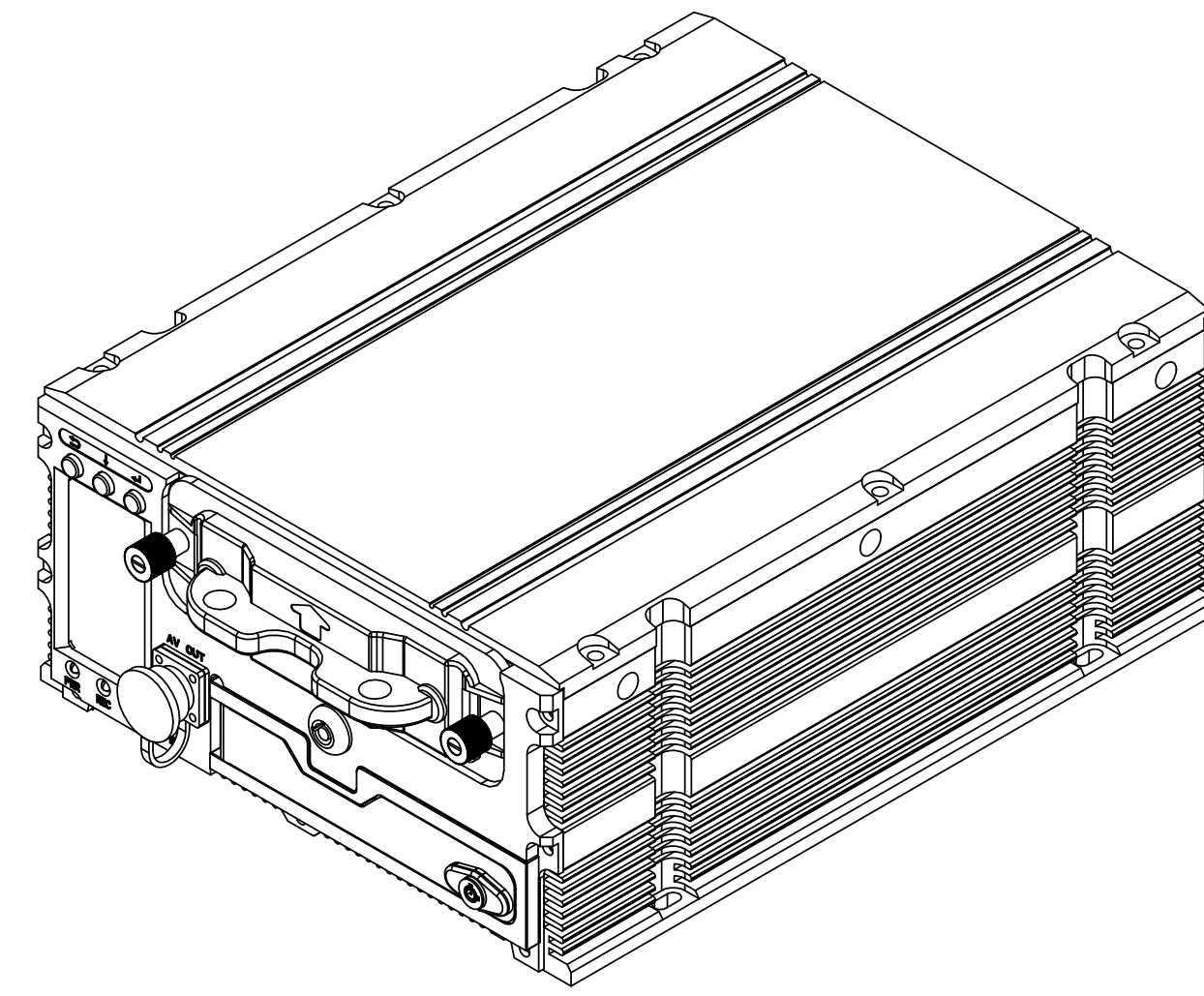
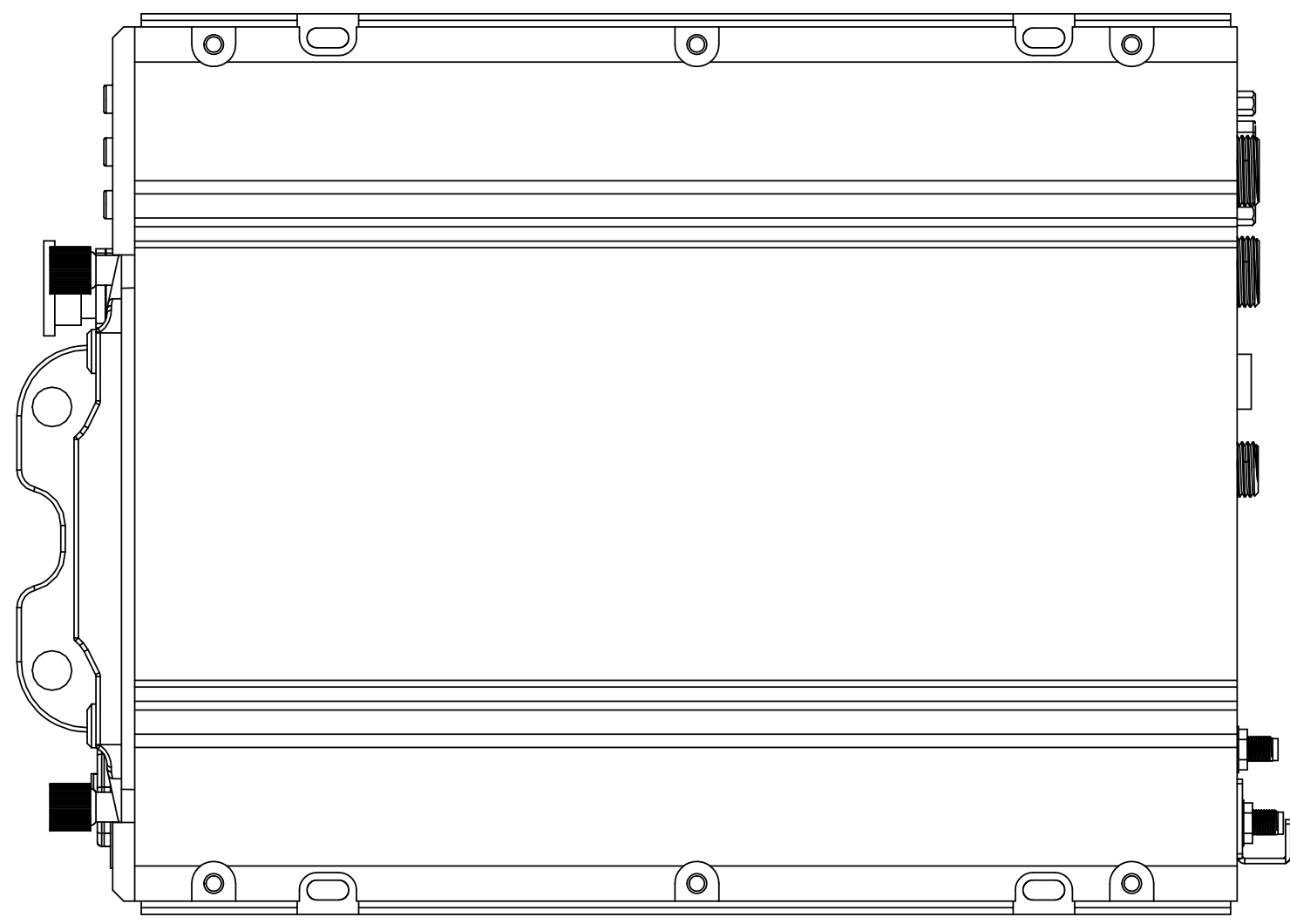
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MOUNTING HOLES: 4X DIA 0.20 INCH
7.6 X 6.4 INCH PATTERN

NOTES:
1. ORDERING INFORMATION:

SKU	Description
MobileView 7000 NVR Kit Items	
MVN-7300-01-K1	1 PORT NVR, HARNESS, CONNECTION KIT
MobileView 7000 Caddy Kit Items	
MVN-1002-K2-233	2TB MEDIA KIT (1TB HDD + 1TB HDD MEDIA), USB 3.0
MVN-1002-K2-233-SS	2TB MEDIA KIT (1TB SSD + 1TB SSD MEDIA), USB 3.0
MVN-1002-K2-433	4TB MEDIA KIT (2TB HDD + 2TB HDD MEDIA), USB 3.0
Component & Accessory Items	
MVN-T7300RF03	RF OPTION CARD, 802.11 AC,AN,BGN, DUAL-MODE
MVN-7300-01-01	1 PORT NVR, NO HARNESS OR MEDIA
MVN-4004-00-00	DOCKING STATION INTERFACE
MVN-4037-00-P1	J1 POWER HARNESS, 15 INCH LENGTH
MVN-4037-00-P3	SERIAL PORT HARNESS, 15 INCH LENGTH
MVN-4037-00-P4	REAR AV MONITOR HARNESS, 15 INCH LENGTH
MVN-4037-00-P67	J2, J3, J5 MULTI IO HARNESS, 15 INCH LENGTH
MVN-4039-00-00	HARNESS CONNECTION KIT

- OPERATION:
THIS ASSEMBLY IS USED WITHIN A MOBILEVIEW SYSTEM
- SPECIFICATIONS:
OPERATING TEMPERATURE: -20 TO 55C (-4F TO +131F) @10-90% RH
VOLTAGE OP SPEC: 9-32VDC
POWER: 30W
OUTPUT VOLTAGE: 12VDC @ 2A, 5VDC @ 2A
WEIGHT: ~15LBS
- DIMENSIONS SHOWN ARE: (mm) 102 (HEIGHT) X 194 (WIDTH) X 251 (DEPTH)
- INSTALLATION:
MOUNTING SURFACE MUST BE FLAT AND SECURED AGAINST EXCESS MOVEMENT AND AMPLIFIED VIBRATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
<small>ANG MACH = + 1.0015/10/25 FIN = + 1.0 XXX = + .02 XXXX = + .05</small>		<small>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009</small>	
THIRD ANGLE PROJECTION		<small>UTIC PROPRIETARY</small> <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF UNITED TECHNOLOGIES CORPORATION. ANY REPRODUCTION OR TRANSMISSION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF UNITED TECHNOLOGIES CORPORATION IS PROHIBITED. © 2015 UNITED TECHNOLOGIES CORPORATION. ALL RIGHTS RESERVED.</small>	
SIZE B	DATE 2015/10/25	DWG NO MVN-7300	REV B
SCALE 1:1.5	DRAWN BY JB	SHEET 1 OF 10	

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REVISIONS		
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A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

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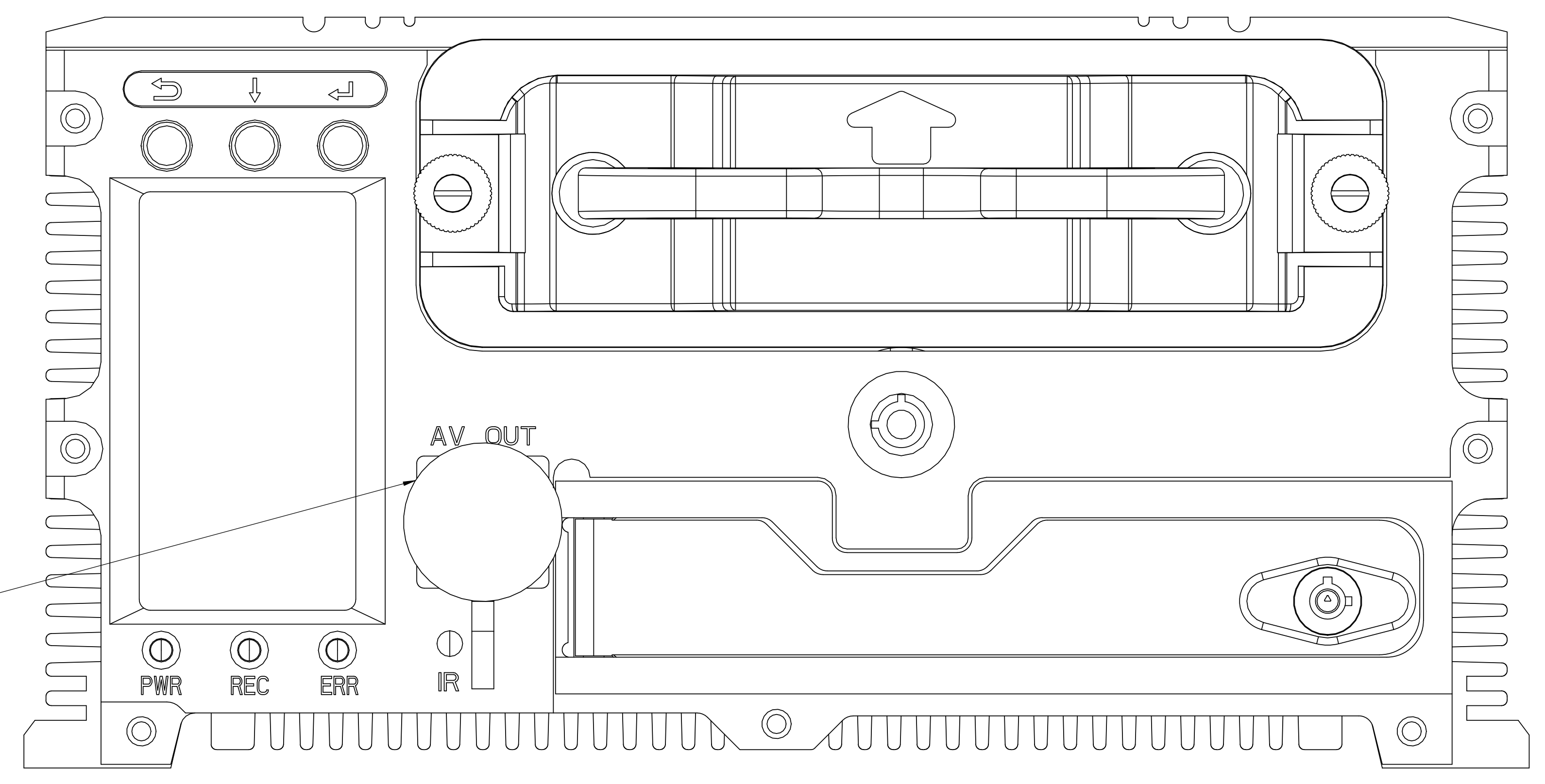
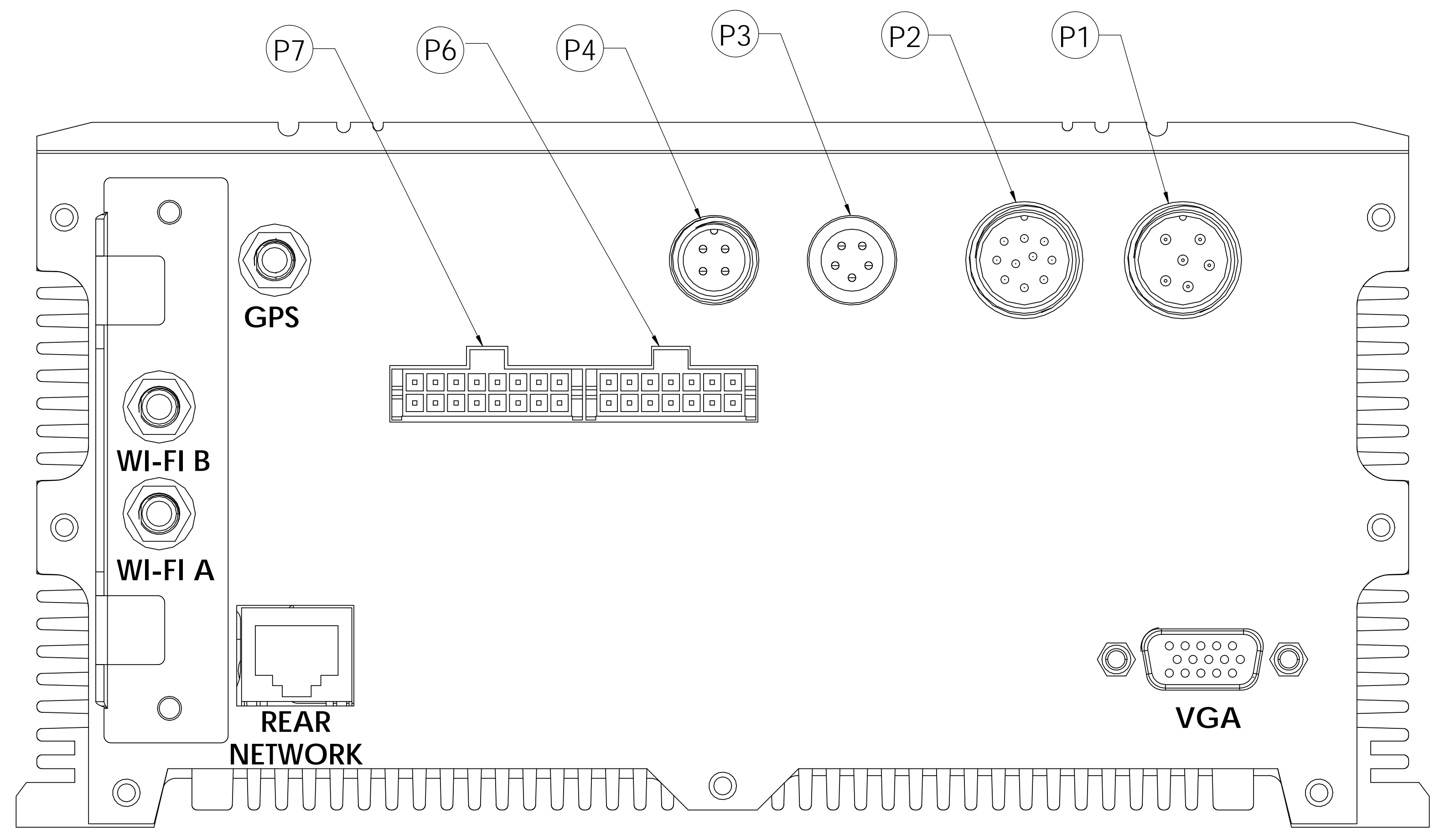
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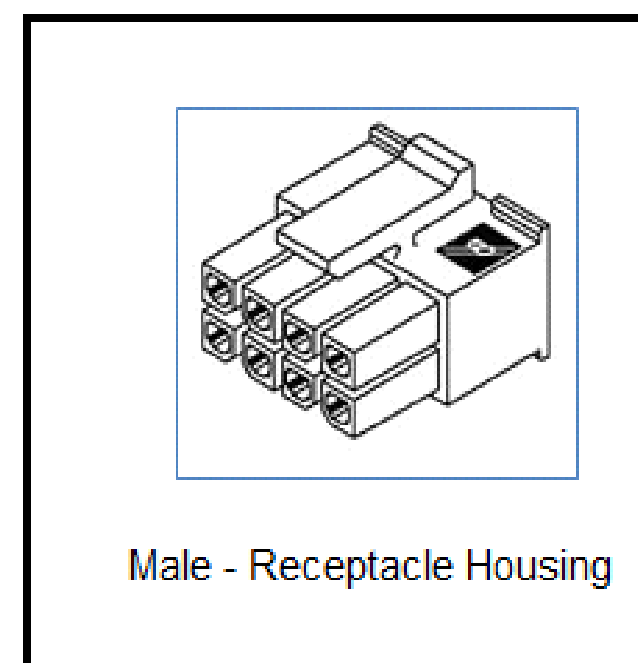
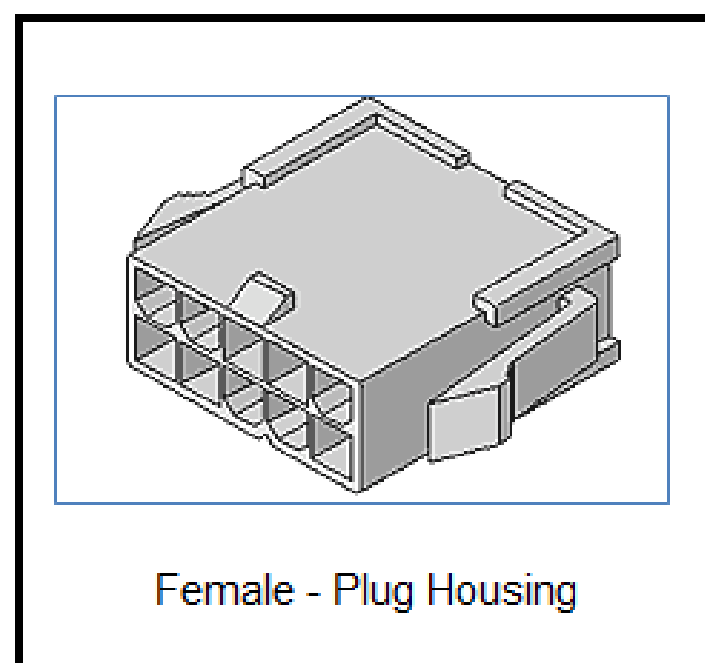
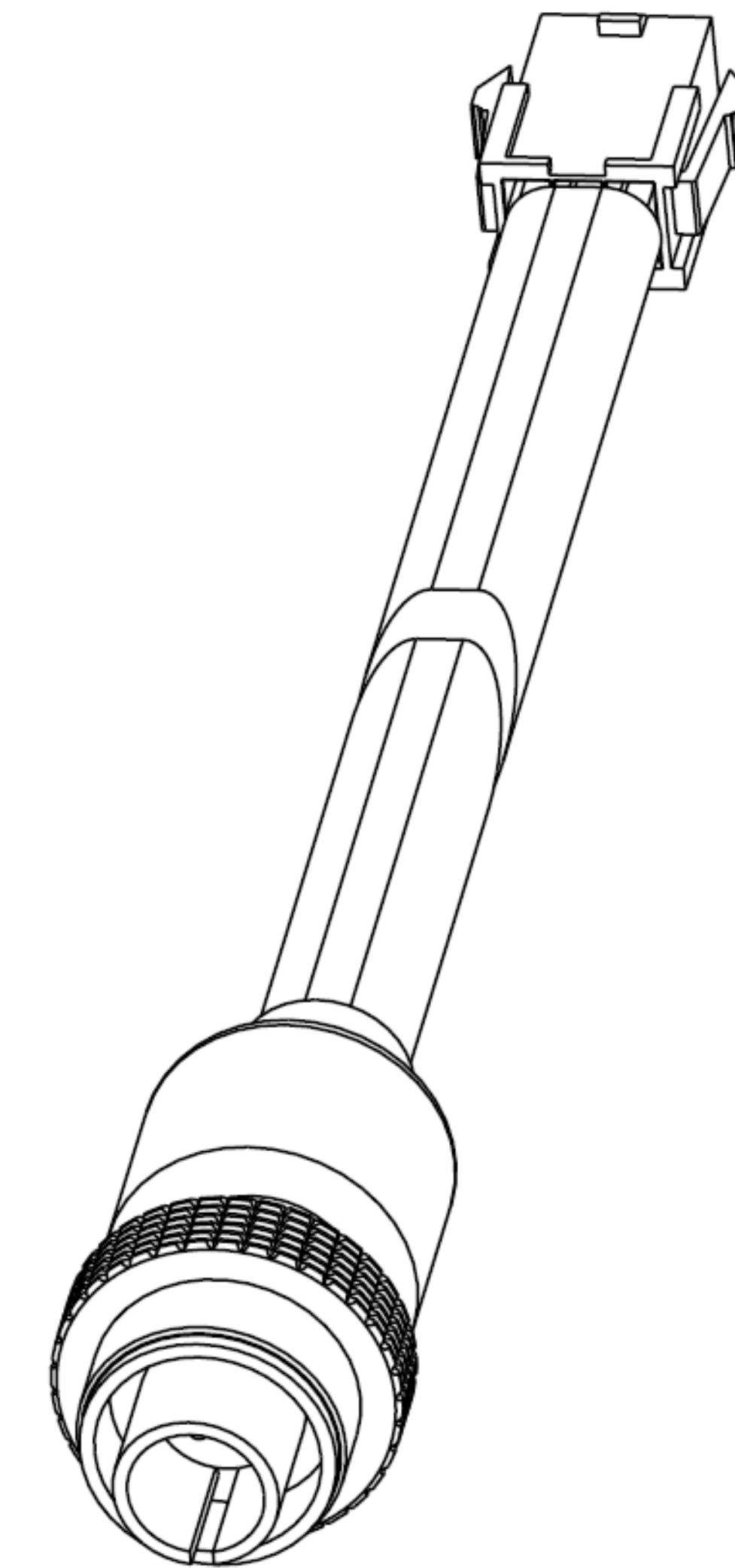
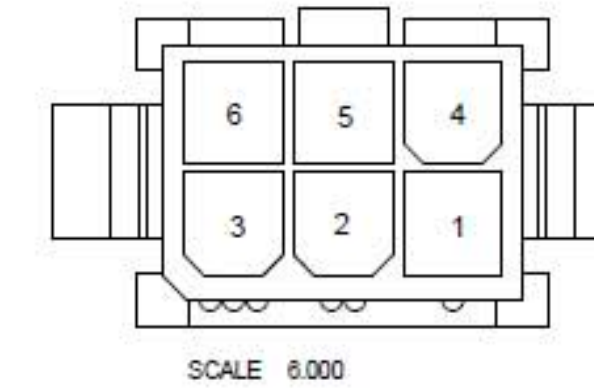
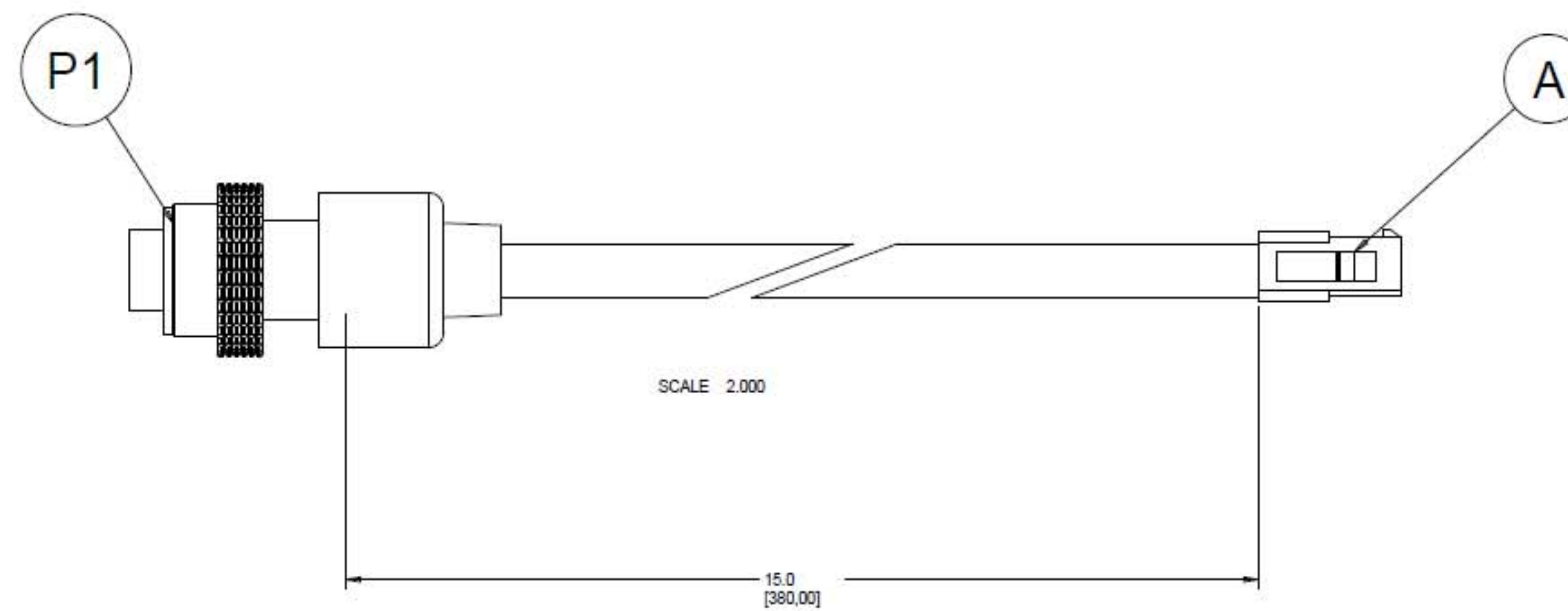
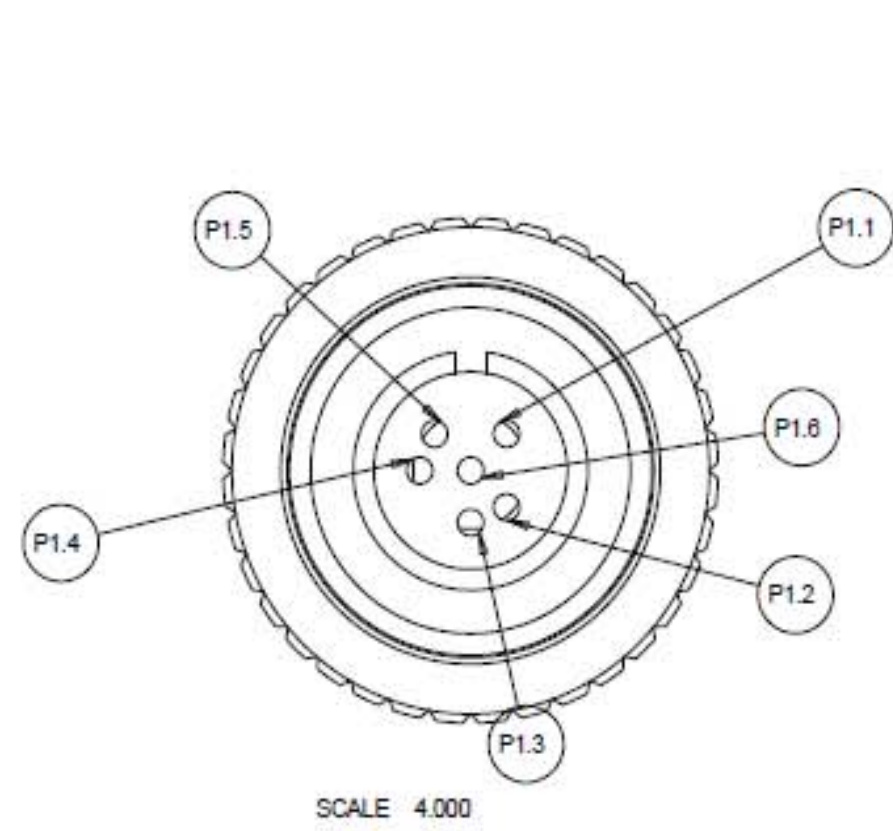
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANG MATCH = ± 1.0°/15/10/25 BEND = ± 3.0° XXX = ± .02 XXXX = ± .005				
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009		TITLE MOBILEVIEW 7000 NVR		
THIRD ANGLE PROJECTION		UTC PROPRIETARY <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF UNITED TECHNOLOGIES CORPORATION. ANY REPRODUCTION OR TRANSMISSION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF UNITED TECHNOLOGIES CORPORATION IS PROHIBITED. © 2015 UNITED TECHNOLOGIES CORPORATION. ALL RIGHTS RESERVED.</small>		
	SIZE B	DATE 2015/10/25	DWG NO MVN-7300	REV B
	SCALE 1:1.5	DRAWN BY JB	SHEET 1 OF 10	

REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25



J1: Power Harness, Field Side - Molex Female Plug Housing						Power Harness, Vehicle Termination - Male Receptacle Housing				Termination Description
Harness Pin to NVR Pin	A.Molex Plug Hsg	Plug Hsg Pin	Jumper to Pin	Color	Pin Use	Molex Receptacle Hsg	6-Pin Molex	Color	Use	
P1.1	<p>Front View</p>	A1		Red	Main Power In	<p>Rear View</p>	1	Red	Main Power In	Main Power (+12 or 24VDC), circuit protected
P1.4		A2		Black	Return In		2	Black	Return In	Battery Ground
P1.6		A3	6	White	Ignition In		3	White	Ignition In	Ignition Power (+12 or 24VDC) circuit protected
P1.2		A4		Red	Main Power Out		4	Red	Main Power Out	Looping Power (Can be used for Main power to MRT Wireless Radio)
P1.5		A5		Black	Return Out		5	Black	Return Out	Looping battery GND (can be used for power GND to MRT Wireless Radio)
P1.6		A6	3	White	Ignition Out		6	White	Ignition Out	Available for future use

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 XXXX = ± .005

INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M-2009

THIRD ANGLE PROJECTION

mobileView

TITLE: MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
B	2015/10/25	MVN-7300	B
SCALE	1:1.5	DRAWN BY JB	SHEET 1 OF 10

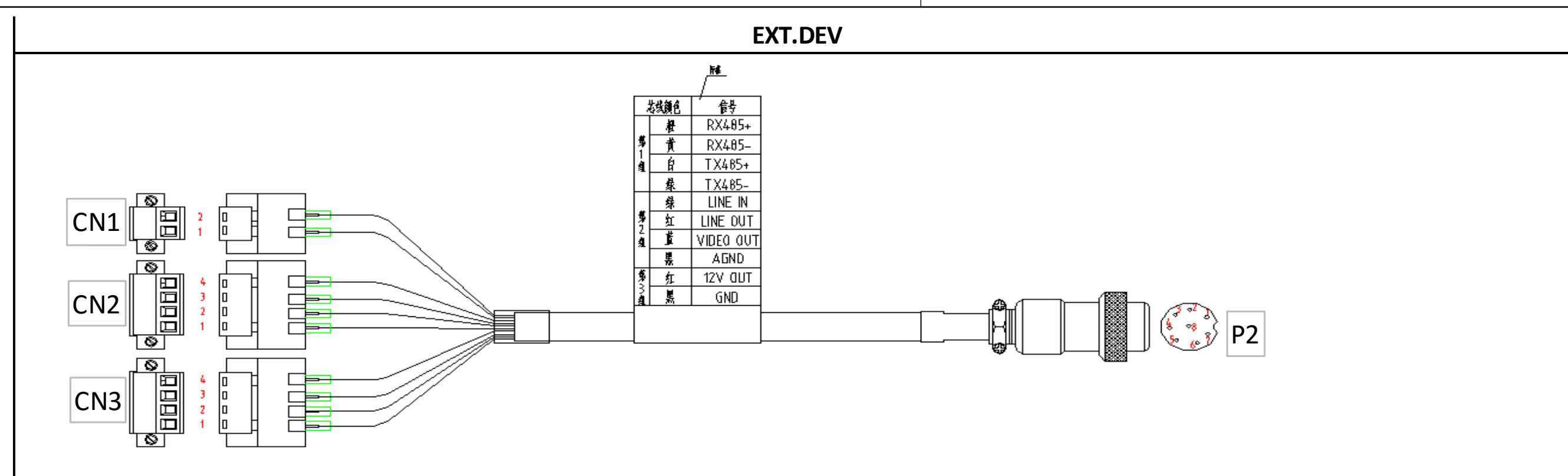
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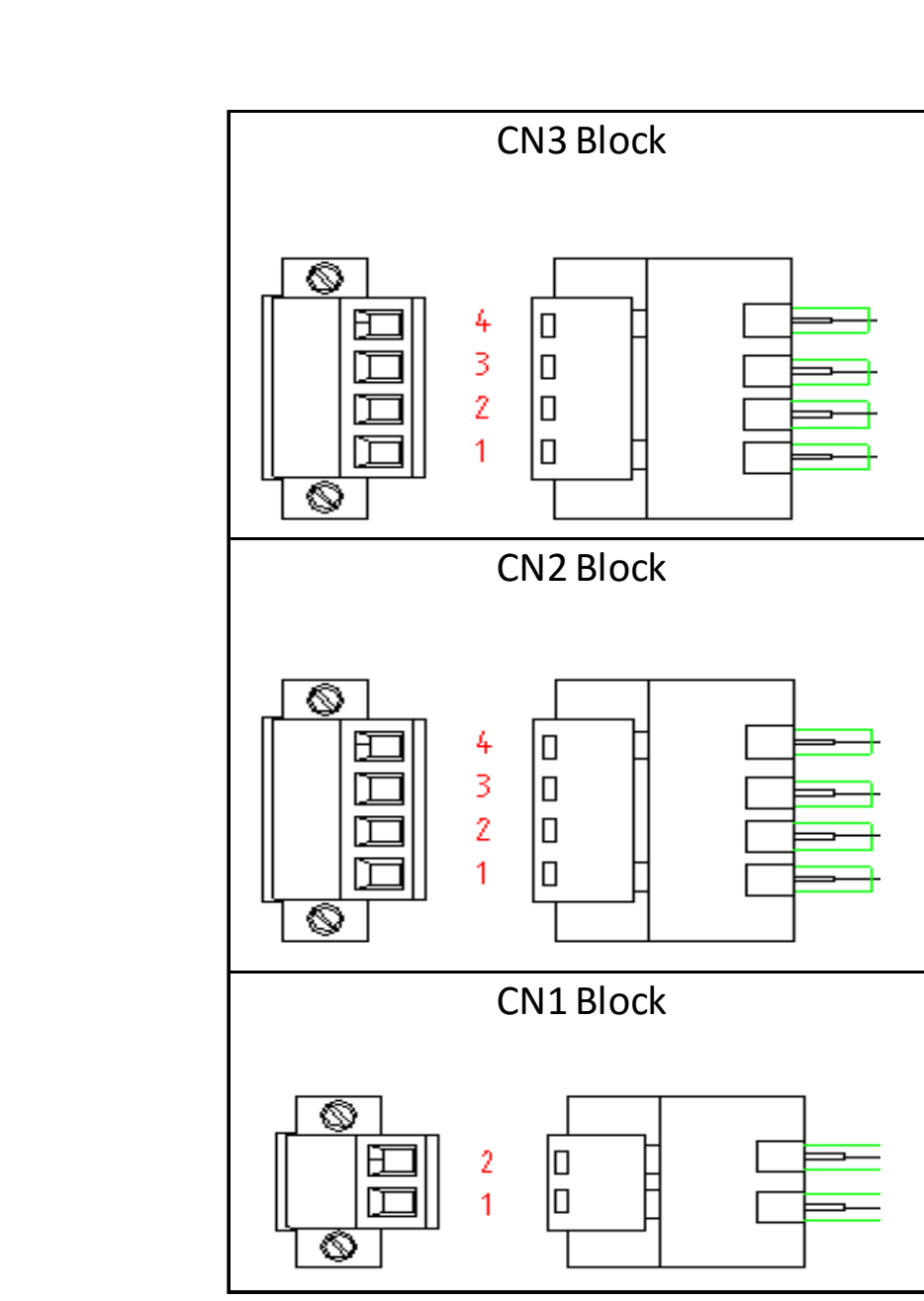
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B	UPDATED BACK PANEL AND PINOUTS	2015/10/25



CN3 Block		(NVR:P2) 10-pin Aviation Plug	Color	Use	Jumper to Pin	(CN3) 4-Pin Block
	P2.3	Orange	RX485+		CN3.1	
	P2.7	Yellow	RX485-		CN3.2	
	P2.1	White	TX485+		CN3.3	
	P2.2	Green	TX485-		CN3.4	
CN2 Block			Color	Use	Jumper to Pin	(CN2) 4-Pin Block
	P2.8	Green	LINE IN		CN2.1	
	P2.9	Red	LINE OUT		CN2.2	
	P2.6	Blue	VIDEO OUT		CN2.3	
	P2.10	Brown	AGND		CN2.4	
CN1 Block			Color	Use	Jumper to Pin	(CN1) 2-Pin Block
	P2.4	Red	12V OUT		CN1.1	
	P2.5	Black	GND		CN1.2	



EXT-D: Extended Devices, Harness Termination, Female Green Block					
Harness Pin to NVR Pin	(CN3) Green Block Female	Green Block Pin	Jumper to Pin	Color	Pin Use
P2.3	See image to far left	CN3.1		Orange	Reserved
P2.7		CN3.2		Yellow	Reserved
P2.1		CN3.3		White	Reserved
P2.2		CN3.4		Green	Reserved
Harness Pin to NVR Pin	(CN2) Green Block Female	Green Block Pin	Jumper to Pin	Color	Pin Use
P2.8	See image to far left	CN2.1		Green	Reserved
P2.9		CN2.2		Red	Reserved
P2.6		CN2.3		Blue	Reserved
P2.10		CN2.4		Brown	Reserved
Harness Pin to NVR Pin	(CN1) Green Block Female	Green Block Pin	Jumper to Pin	Color	Pin Use
P2.4	See image to far left	CN1.1		Red	Available
P2.5		CN1.2		Black	Available

Extended Devices, Vehicle Termination - Male Green Block					Termination Description
Green Block Male	Green Block Pin	Color	Use		
See image to far left	CN3.1	Orange	Reserved	Reserved for future use	
	CN3.2	Yellow	Reserved	Reserved for future use	
	CN3.3	White	Reserved	Reserved for future use	
	CN3.4	Green	Reserved	Reserved for future use	
Green Block Male	Green Block Pin	Color	Use		
See image to far left	CN2.1	Green	Reserved	Reserved for future use	
	CN2.2	Red	Reserved	Reserved for future use	
	CN2.3	Blue	Reserved	Reserved for future use	
	CN2.4	Brown	Reserved	Reserved for future use	
Green Block Male	Green Block Pin	Color	Use		
See image to far left	CN1.1	Red	Available	Available for future use	
	CN1.2	Black	Available	Available for future use	

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 BEND = ± 3.0°
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INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

THIRD ANGLE PROJECTION

mobileView

TITLE: MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
B	2015/10/25	MVN-7300	B
SCALE	1:1.5	DRAWN BY JB	SHEET 4 OF 10

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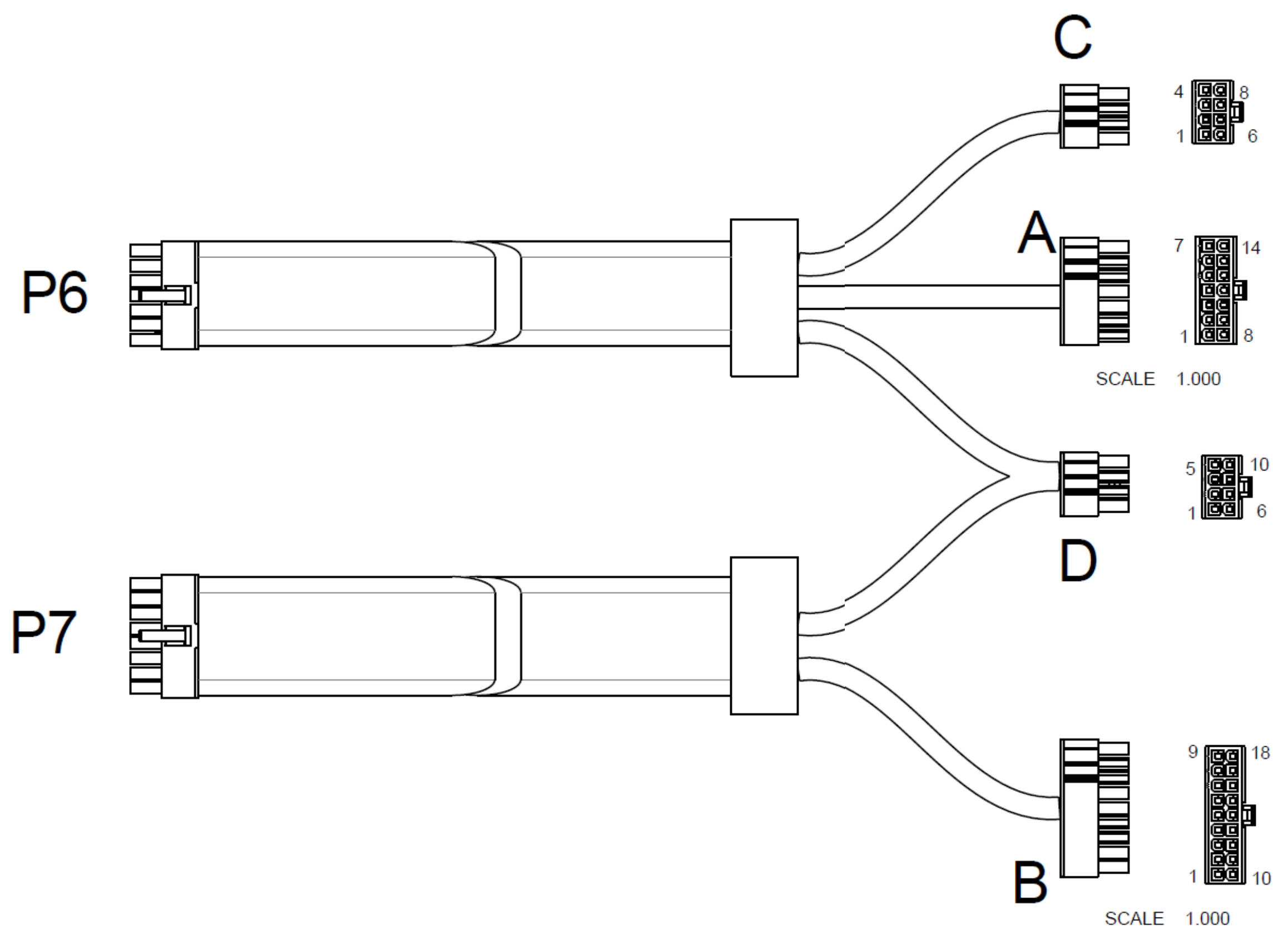
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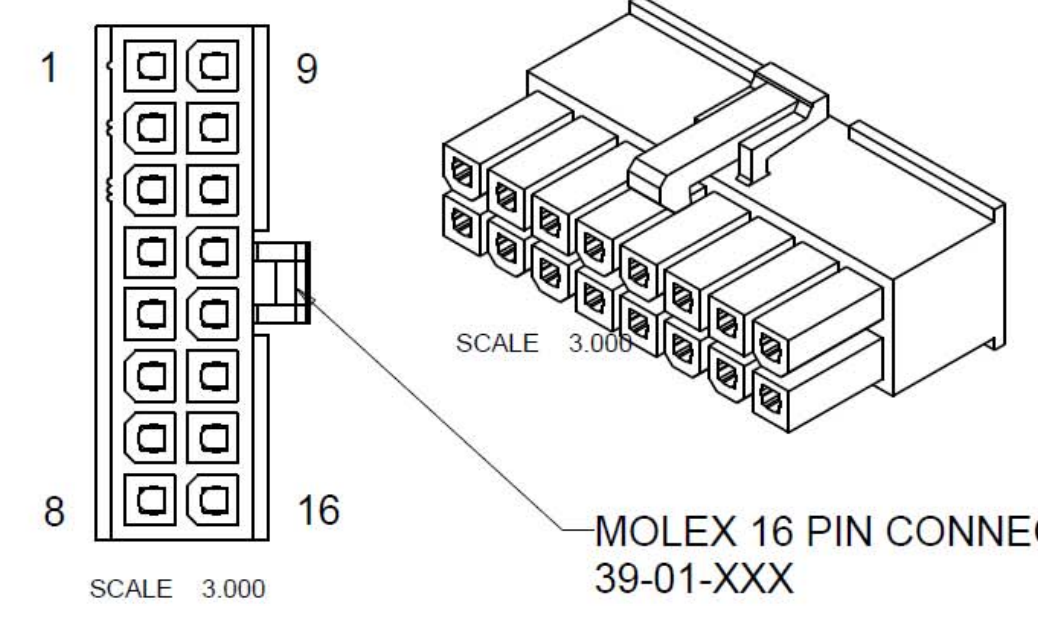
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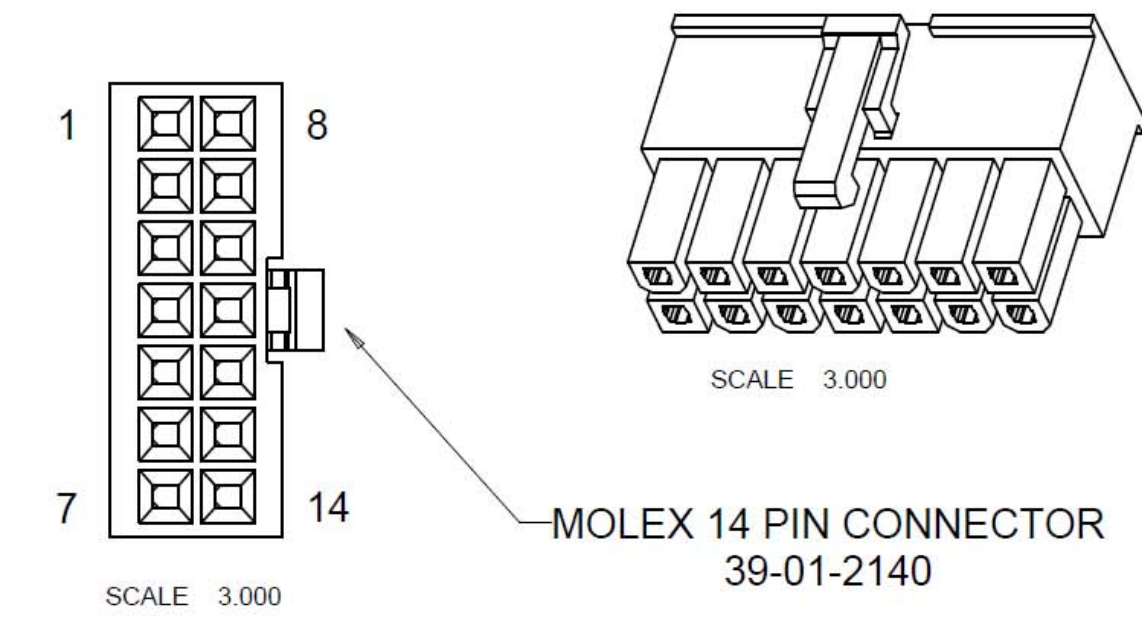
REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
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P7-Front View



P6-Front View



(NVR:P7) 16-Pin Molex Plug	Color	Use	Jumper to Pin	(B) 18-Pin Molex	(D) 10-Pin Molex	(C) 8-Pin Molex
P7.1	White	C1 - Relay 1 (NC)			D3	
P7.2	Brown	B1 - Relay 1 (Common)			D5	
P7.3	Blue	A1 - Relay 1 (NO)			D4	
P7.4	Black	GND		B9, B18		
P7.5	Blue	ALARM4 (Digital-4)		B4		
P7.6	White	ALARM3 (Digital-3)		B3		
P7.7	Red	ALARM2 (Digital-2)		B2		
P7.8	Yellow	ALARM1 (Digital-1)		B1		
P7.9	Orange	C2 - Relay 2 (NC)			D8	
P7.10	Gray	B2 - Relay 2 (Common)			D10	
P7.11	Purple	A2 - Relay 2 (NO)			D9	
P7.12	Green	12V		B10, B11, B12, B13, B14, B15, B16, B17		C5, C6, C7, C8
P7.13	Gray	ALARM8 (Digital-8)		B8		
P7.14	Purple	ALARM7 (Digital-7)		B7		
P7.15	Orange	ALARM6 (Digital-6)		B6		
P7.16	Brown	ALARM5 (Digital-5)		B5		

(NVR:P6) 14-Pin Molex Plug	Color	Use	Jumper to Pin	(A) 14-Pin Molex	(C) 8-Pin Molex	(D) 10-Pin Molex
P6.1	--	Not Used	1			
P6.2	--	Not Used	2			
P6.3	Black	GND	3	A10, A11, A14		D6, D7
P6.4	Blue	ALARM12 (Digital-12)	4		C4	
P6.5	White	ALARM11 (Digital-11)	5		C3	
P6.6	Red	ALARM10 (Digital-10)	6		C2	
P6.7	Yellow	ALARM9 (Digital-9)	7		C1	
P6.8	--	Not Used	8			
P6.9	Orange	5V	9	A6		
P6.10	Blue	12V	10	A3, A4, A5, A7		
P6.11	Green	RECORD_OUT	11	A13		
P6.12	Red	FAULT_OUT	12	A12		
P6.13	Red	ANALOG2	13			D2
P6.14	Yellow	ANALOG1	14			D1

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 FRA = ± 0.005
 XXX = ± 0.02
 XXXX = ± 0.05

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

THIRD ANGLE PROJECTION

mobileView
MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
B	2015/10/25	MVN-7300	B
SCALE	1:1.5	DRAWN BY JB	SHEET 5 OF 10

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REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

J2: Status Harness, Field Side - Molex Female Plug Housing							J2 Harness, Vehicle Termination - Male Receptacle Housing				Termination Description
Harness Pin to NVR Pin	A.Molex Plug Hsg	Plug Hsg Pin	Jumper to Pin	Color	Pin Use	Molex Receptacle Hsg	14-Pin Molex	Color	Use		
	7 14	A1		--	--	Not Used	7 14	--	--	Not Used	Not Used
P6.10	6 13	A2		--	--	Not Used	6 13	--	--	Not Used	Not Used
P6.10	5 12	A3	A4	Blue	12VDC+ (Spare)		5 12	Blue	12VDC+ (Spare)	Available for future use	
P6.10	4 11	A4	A3, A5	Blue	12VDC+ (Spare)		4 11	Blue	12VDC+ (Spare)	Available for future use	
P6.9	3 10	A5	A4, A7	Blue	12VDC+ (Status LED Power)		3 10	Blue	12VDC+ (Status LED Power)	To Gray wire on MobileView Event Button Modules GE P/N MSS-4008-00-00 or MSS-4008-WK-00	
P6.10	2 9	A6		Orange	5VDC+ (Spare)		2 9	Orange	5VDC+ (Spare)	Available for future use	
	1 8	A7	A5	Blue	12VDC+ (Spare)		1 8	Blue	12VDC+ (Spare)	Houston: To POE Power Distribution Module All Other: To +12 VDC wire on Cisco Radio, WiMax ProST Radio, or WiMax MRT I/O cable	
		A8		--	--	Not Used		--	--	Not Used	Not Used
P6.3		A9		--	--	Not Used		--	--	Not Used	Not Used
P6.3		A10	A11	Black	GND (Spare)			Black	GND (Spare)	Available for future use	
		A11	A10, A14	Black	GND (Spare)			Black	GND (Spare)	Available for future use	
P6.12		A12		Red	Red Status LED (Fault)			Red	Red Status LED (Camera)	To Red wire on MobileView Event Button Modules GE P/N MSS-4008-00-00 or MSS-4008-WK-00	
P6.11		A13		Green	Green Status LED (Record)			Green	Green Status LED (Software)	To Green wire on MobileView Event Button Modules GE P/N MSS-4008-00-00 or MSS-4008-WK-00	
P6.3		A14	A11	Black	GND (Spare)			Black	GND (Spare)	To GND wire on Cisco Radio, WiMax ProST Radio, or WiMax MRT I/O cable	
J3: Digital Input Harness, Field Side - Molex Female Plug Housing							J3 Harness, Vehicle Termination - Male Receptacle Housing				
	B. Plug Hsg	B1		Yellow	Digital Input 1	Recptacle Hsg	1	Yellow	Digital Input 1	To Yellow wire on MobileView Event Button Modules GE P/N MSS-4008-00-00 or MSS-4008-WK-00	
P7.8		B2		Red	Digital Input 2		2	Red	Digital Input 2	Available for future use	
P7.7		B3		White	Digital Input 3		3	White	Digital Input 3	Available for future use	
P7.6		B4		Blue	Digital Input 4		4	Blue	Digital Input 4	Available for future use	
P7.5		B5		Brown	Digital Input 5		5	Brown	Digital Input 5	Available for future use	
P7.16		B6		Orange	Digital Input 6		6	Orange	Digital Input 6	Available for future use	
P7.15		B7		Purple	Digital Input 7		7	Purple	Digital Input 7	Available for future use	
P7.14		B8		Grey	Digital Input 8		8	Grey	Digital Input 8	Available for future use	
P7.13		B9	B18	Black	GND		9	Black	GND	Available for future use	
P7.4		B10	B11	Green	12v (Digital 1)		10	Green	12v (Digital Return)	To Yellow wire on MobileView Event Button Modules GE P/N MSS-4008-00-00 or MSS-4008-WK-00	
P7.12		B11	B10, B12	Green	12v (Digital 2)		11	Green	12v (Digital Return)	Available for future use	
P7.12		B12	B11, B13	Green	12v (Digital 3)		12	Green	12v (Digital Return)	Available for future use	
P7.12		B13	B12, B13	Green	12v (Digital 4)		13	Green	12v (Digital Return)	Available for future use	
P7.12		B14	B13, B15	Green	12v (Digital 5)		14	Green	12v (Digital Return)	Available for future use	
P7.12		B15	B14, B16	Green	12v (Digital 6)		15	Green	12v (Digital Return)	Available for future use	
P7.12		B16	B15, B17	Green	12v (Digital 7)		16	Green	12v (Digital Return)	Available for future use	
P7.12		B17	B16	Green	12v (Digital 8)		17	Green	12v (Digital Return)	Available for future use	
P7.4		B18	B9	Black	GND		18	Black	GND	Spare Ground (White wire on MobileView Event Button Module with Reset GE P/N MSS-4008-WK-00)	
P6.7	C. Plug Hsg	C1		Yellow	Digital Input 9	Recptacle Hsg	1	Yellow	Digital Input 9	Available for future use	
P6.6		C2		Red	Digital Input 10		2	Red	Digital Input 10	Available for future use	
P6.5		C3		White	Digital Input 11		3	White	Digital Input 11	Available for future use	
P6.4		C4		Blue	Digital Input 12		4	Blue	Digital Input 12	Available for future use	
P7.12		C5	C6	Green	12v (Digital 9)		5	Green	12v (Digital Return)	Available for future use	
P7.12		C6	C5, C7	Green	12v (Digital 10)		6	Green	12v (Digital Return)	Available for future use	
P7.12		C7	C6, C8	Green	12v (Digital 11)		7	Green	12v (Digital Return)	Available for future use	
P7.12		C8	C7	Green	12v (Digital 12)		8	Green	12v (Digital Return)	Available for future use	

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mobileView
MOBILEVIEW 7000 NVR

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THIRD ANGLE PROJECTION

SIZE B DATE 2015/10/25 DWG NO MVN-7300 REV B
 SCALE 1:1.5 DRAWN BY JB SHEET 6 OF 10

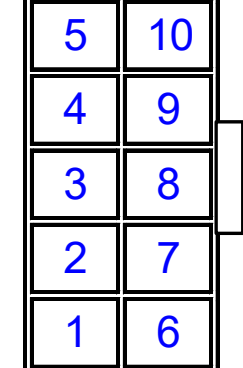
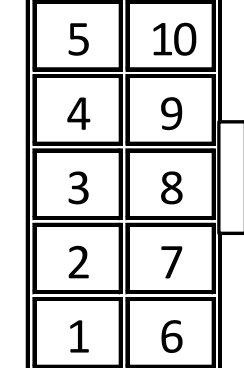
4

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REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

J5: Analog & Relay Harness, Field Side - Molex Female Plug Housing						J5 Harness, Vehicle Termination - Male Receptacle Housing					
P6.14	D. Plug Hsg  Front View	D1		Yellow	Analog Input 1	Receptacle Hsg  Rear View	1	Yellow	Analog Input 1	Available for future use	
P6.13		D2		Red	Analog Input 2		2	Red	Analog Input 2	Available for future use	
P7.1		D3		White	Relay 1 NC		3	White	Relay 1 NC	Available for future use	
P7.3		D4		Blue	Relay 1 NO		4	Blue	Relay 1 NO	To MSS-MISC-WIFI-126N Wireless Radio Positive (V+)	
P7.2		D5		Brown	Relay 1 Common		5	Brown	Relay 1 Common	12VDC Nominal Voltage Input from Vehicle BUS	
P6.3		D6	D7	Black	GND		6	Black	GND	To MSS-MISC-WIFI-126N Wireless Radio Negative GND (V-)	
P6.3		D7	D6	Black	GND		7	Black	GND	Available for future use	
P7.9		D8		Orange	Relay 2 NC		8	Orange	Relay 2 NC	Available for future use	
P7.11		D9		Purple	Relay 2 NO		9	Purple	Relay 2 NO	Available for future use	
P7.10		D10		Grey	Relay 2 Common		10	Grey	Relay 2 Common	Available for future use	

D

D

C

C

B

B

A


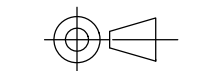
A

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		 mobileView	
<small>ANG MACH = ± 1.0015/10/25 DENOM = ± 0.01 XXX = ± .02 XXXX = ± .005</small>		<small>UTIC PROPRIETARY THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF UNITED TECHNOLOGIES CORPORATION. ANY REPRODUCTION OR TRANSMISSION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF UNITED TECHNOLOGIES CORPORATION IS PROHIBITED. © 2015 UNITED TECHNOLOGIES CORPORATION. ALL RIGHTS RESERVED.</small>	
THIRD ANGLE PROJECTION		TITLE MOBILEVIEW 7000 NVR	
<small>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009</small>	<small>UTIC PROPRIETARY</small>	<small>DATE</small> 2015/10/25	<small>DWG NO</small> MVN-7300
	<small>SCALE</small> 1:1.5	<small>DRAWN BY</small> JB	<small>REV</small> B
		<small>SHEET</small> 7 OF 10	

4

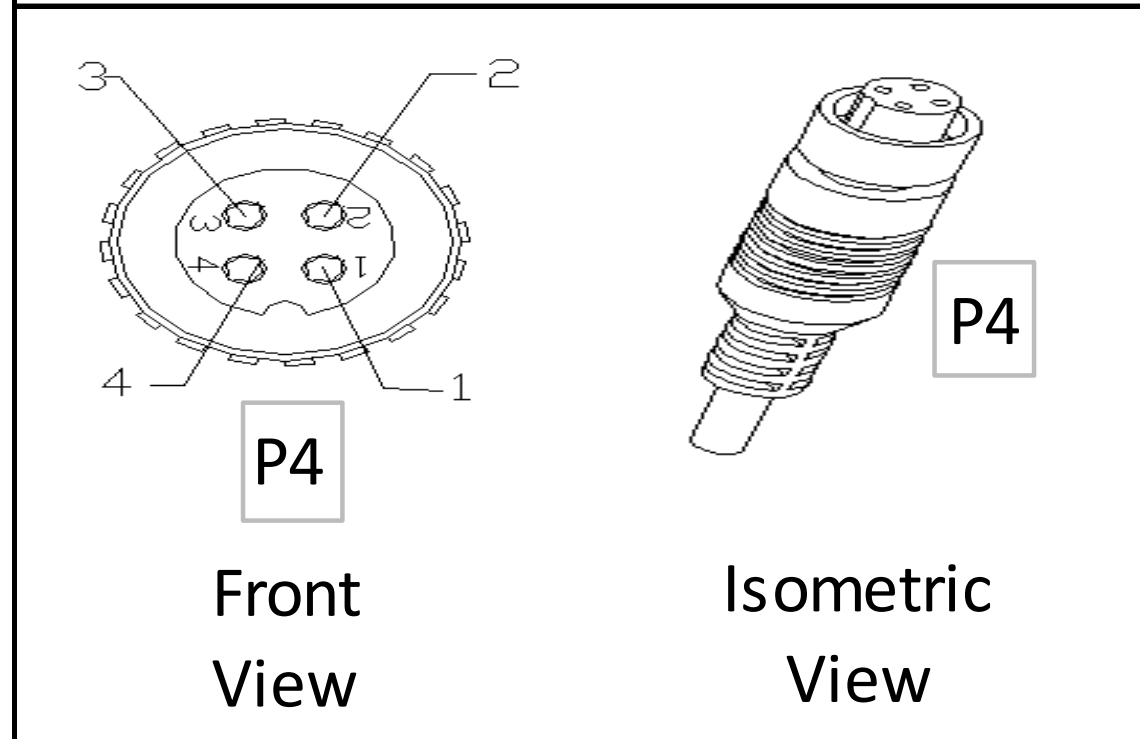
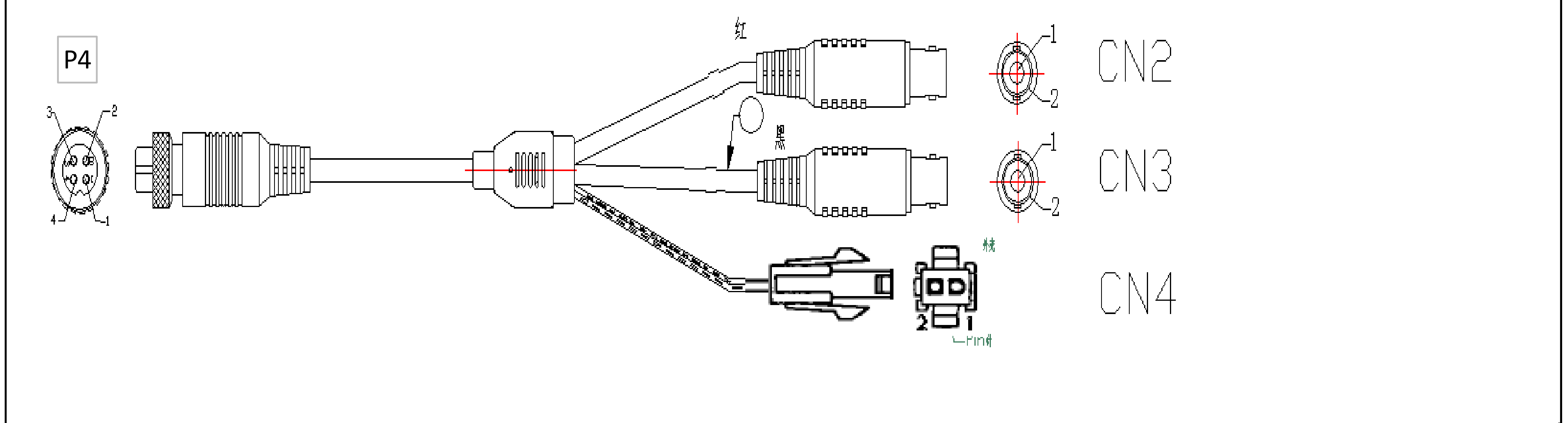
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REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

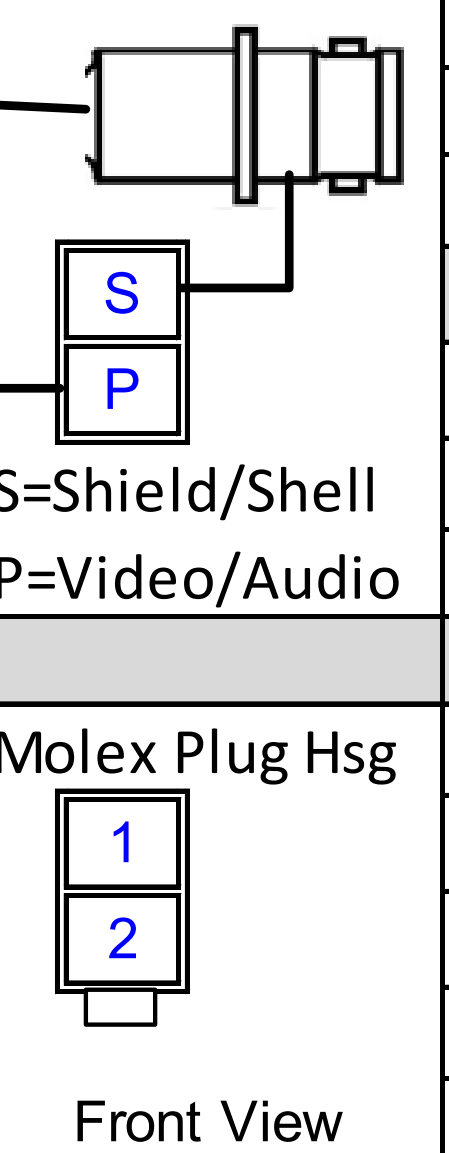
AV OUT REAR & 12vdc



(NVR:P4) 4-Pin Aviation Plug	Color	Use	Jumper to Pin	(CN2) Video Out BNC	(CN3) Audio Out BNC	(CN4) 12V Out Barrel
P4.1	Yellow	Video Out		CN2-P		
P4.2	Brown	Audio Out			CN3-P	
P4.3	Red	12V (+) Out				CN4-1
P4.4	Black	Ground (Return)		CN2-S	CN3-S	CN4-2

R-MON: Rear Monitor Harness, Field Side

Harness Pin to NVR Pin	BNC Barrel	BNC Position				
		BNC Position		Color	Use	
BNC CN2						
P4.1	S=Shield/Shell P=Video/Audio	CN2-P	Coax Center	NA	NA	Video Output
P4.4		CN2-S	Coax Braid	NA	NA	GND/Braid (Shield/Shell)
BNC CN3						
P4.2	S=Shield/Shell P=Video/Audio	CN3-P	Coax Center	NA	NA	Audio Output
P4.4		CN3-S	Coax Braid	NA	NA	GND/Braid (Shield/Shell)
Barrel CN4						
P4.3	Molex Plug Hsg	CN4-1		Red		12V Output
P4.4		CN4-2		Black		GND



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
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 BEND = ± 0.02
 XXX = ± .02
 XXXX = ± .005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

THIRD ANGLE PROJECTION

mobileView

TITLE: MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
B	2015/10/25	MVN-7300	B
SCALE	1:1.5	DRAWN BY JB	SHEET 8 OF 10

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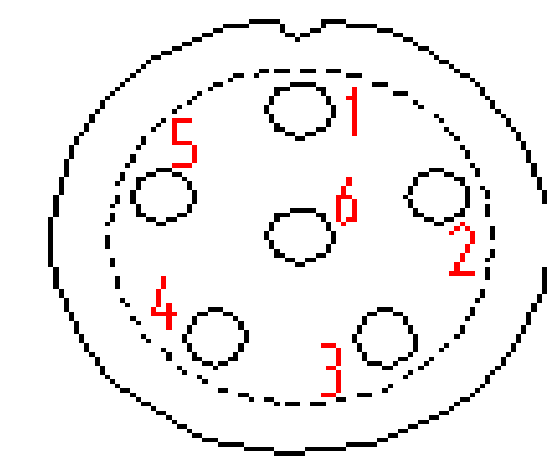
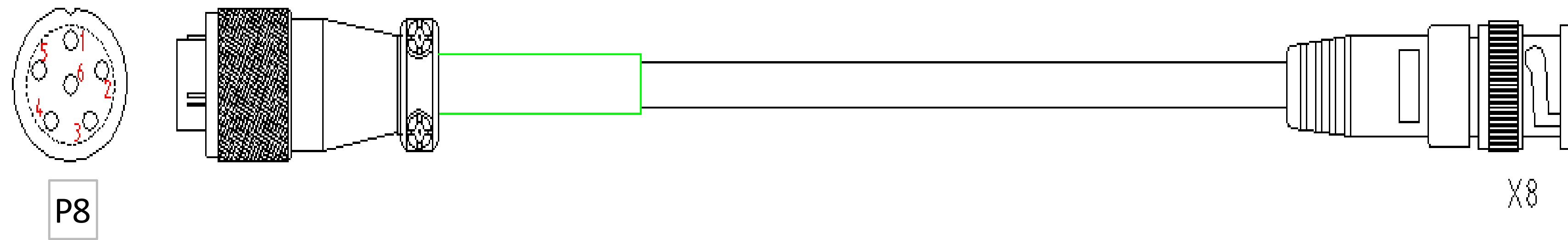
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2

1

REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25

AV OUT FRONT

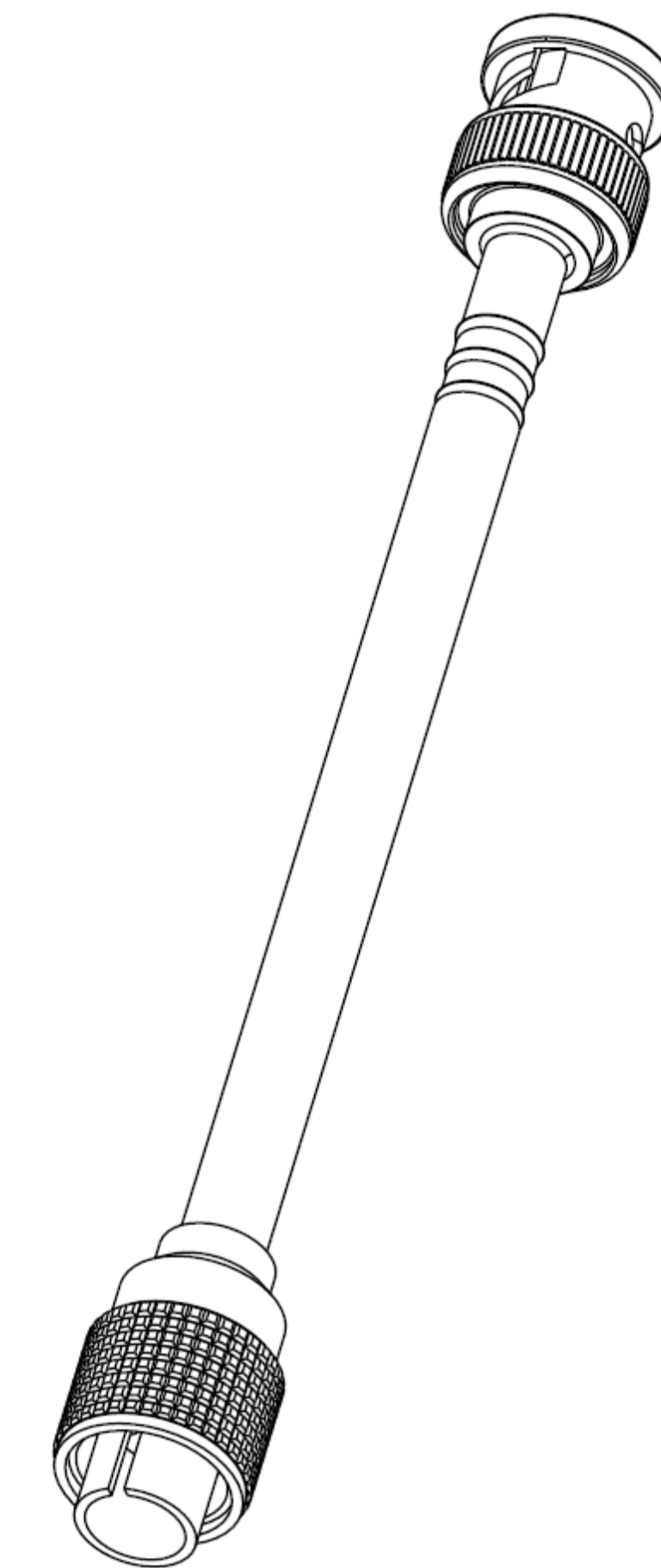


P8

(NVR:P8) 6-pin Aviation Plug	Color	Use	Jumper to Pin	(X8) BNC Connector		
P8.1	--	Not Used				
P8.2	N/A	GND		X8.S (Shell)		
P8.3	N/A	Pin		X8.P (Video)		
P8.4	--	Not Used				
P8.5	--	Not Used				
P8.6	--	Not Used				

F-MON1: Front Monitor Harness, Field Side

Harness Pin to NVR Pin	(X8) BNC Connector	BNC Position		Color	Use	
	<p>S=Shield/Shell P=Video</p>	BNC X8				
P8.3		X8-P	Coax Center	NA	NA	Video Output
P8.2		X8-S	Coax Braid	NA	NA	GND/Braid (Shield/Shell)



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 ANG MACH = ± 1.0015/10/25
 BEND = ± 3.0°
 XXX = ± .02°
 XXXX = ± .005°
 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

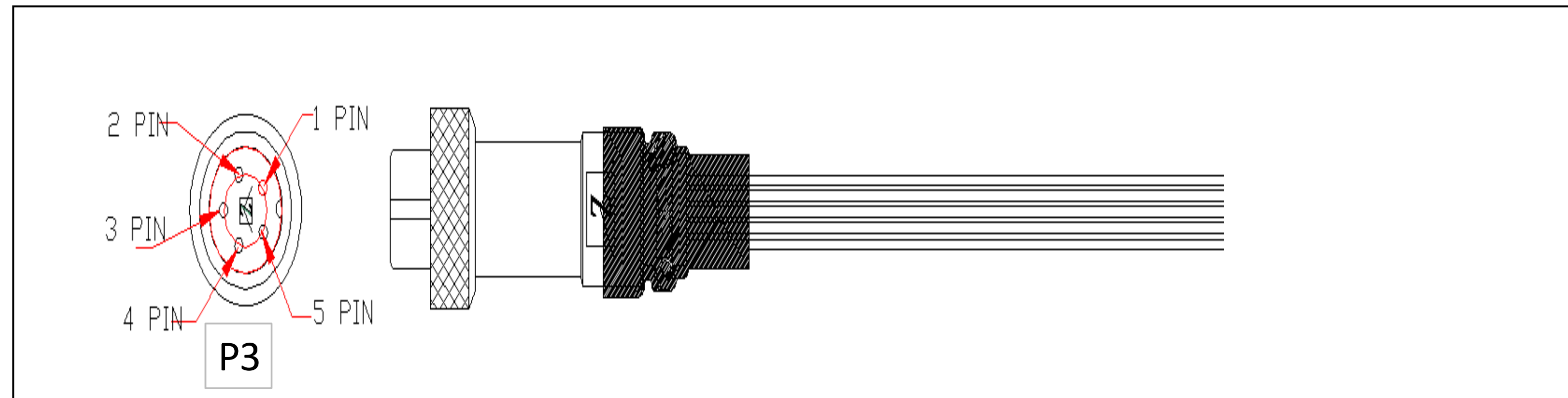
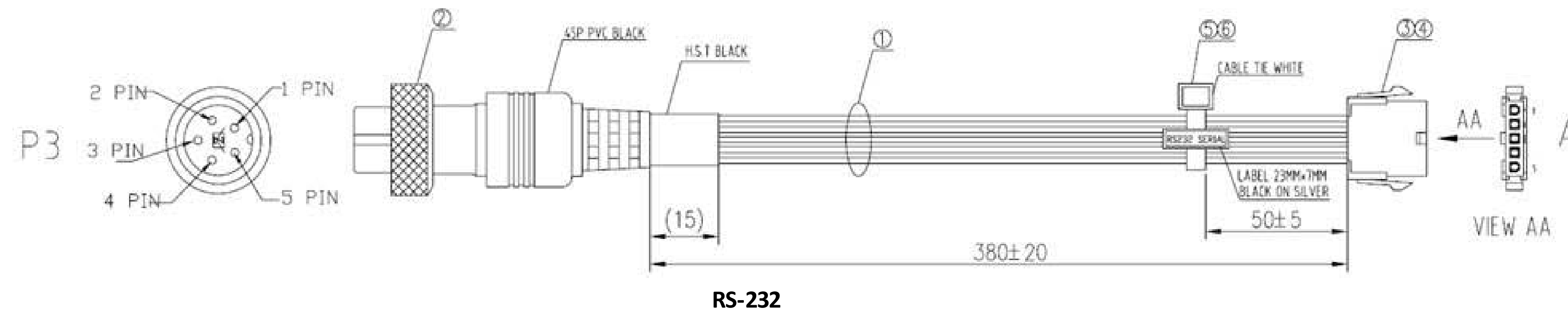
mobileView

TITLE: MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
B	2015/10/25	MVN-7300	B
SCALE	1:1.5	DRAWN BY JB	SHEET 9 OF 10

REVISIONS		
REV	DESCRIPTION	DATE
A	INITIAL DEVELOPMENT	2014/01/08
B	UPDATED BACK PANEL AND PINOUTS	2015/10/25



(NVR:P3) 5-pin Aviation Plug	Color	Use	Jumper to Pin	(A) 5-Pin Molex		
P3.1	Green	RXD (DVR Receive)		A1		
P3.2	White	TXD (DVR Transmit)		A2		
P3.3	Yellow	12V +		A3		
P3.4	Black	GND		A4		
P3.5	Red	5V+		A5		

RS232: Serial Harness, Field Side - Molex Female Plug Housing						RS232: Serial Harness, Vehicle Termination - Male Receptacle Housing			
Harness Pin to NVR Pin	A.Molex Plug Hsg	Plug Hsg Pin	Jumper to Pin	Color	Pin Use	Recptacle Hsg	5-Pin Molex	Color	Use
P3.1	 Front View	A1		Green	RXD (DVR Receive)	 Rear View	1	Green	RXD (DVR Receive)
P3.2		A2		White	TXD (DVR Transmit)		2	White	TXD (DVR Transmit)
P3.3		A3		Yellow	12V +		3	Yellow	12V +
P3.4		A4		Black	GND		4	Black	GND
P3.5		A5		Red	5V+		5	Red	5V+

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 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

THIRD ANGLE PROJECTION

mobileView

TITLE: MOBILEVIEW 7000 NVR

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SIZE	DATE	DWG NO	REV
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SCALE	1:1.5	DRAWN BY JB	SHEET 10 OF 10