

4

3

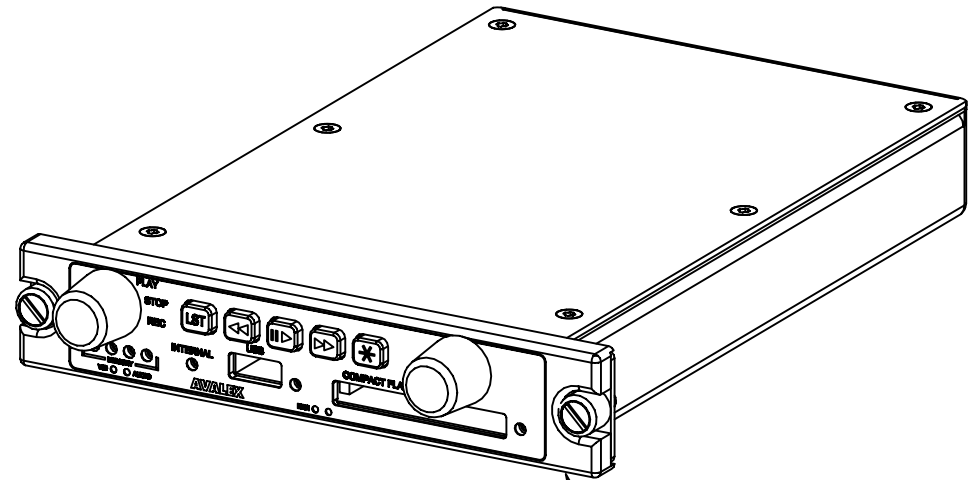
2

1

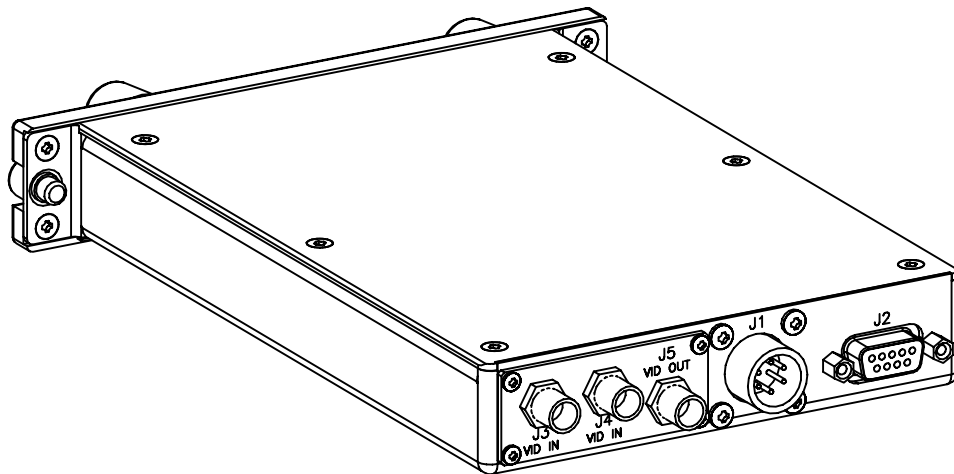
NOTES: UNLESS OTHERWISE SPECIFIED:

1. THIS DRAWING REPRESENTS AVALEX TECHNOLOGIES DIGITAL VIDEO RECORDER MODEL NUMBERS AVR8210, AVR8220, AVR8230, AVR8240, AVR8240-8 AND AVR8240-14.
2. THE AVR82x0 SERIES PRODUCTS PROVIDE "RECORD" AND "PLAYBACK" CAPABILITIES.
3. THE WEIGHT OF THE UNIT IS 1.4 LBS.
4. THE UNIT IS MOUNTED WITH DZUS FASTENERS.
- 5 THE RECOMMENDED CIRCUIT BREAKER FOR INSTALLATION IS 2 AMPS.
6. THE VIDEO RECORDERS ARE PROVIDED WITH ONE INSTALLATION KIT, PART NUMBER AVR8100-KIT.
- 7 DIFFERENTIAL SIGNALS, Tx+/Tx- AND Rx+/Rx-, MUST BE TWISTED PAIR SHIELDED (4 TWISTS PER INCH).
- 8 THIS ITEM IS INCLUDED IN THE INSTALLATION KIT
- 9 OR EQUIVALENT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-	-	-	-



AVR8230 MODEL SHOWN



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QTY	ITEM NO	PART NUMBER	DESCRIPTION	SPECIFICATION	NOTES
PARTS LIST					
UNLESS OTHERWISE SPECIFIED • DIMENSIONS ARE IN INCHES • TOLERANCES ANGLES ± 1° • 3 PLACE DECIMALS ±.010 • PLANE DECIMALS ±.010 • INTERPRET DRAWINGS PER ASME Y14.5-1995 • REMOVE ALL BURRS AND SHARP EDGES • CONCENTRICITY MACHINED DIAMETERS 250 PPM • DIMENSIONAL LIMITS APPLY BEFORE FINISHES • PARENTHESES INFO FOR REF ONLY			DWN: F.ENTREKIN DATE: 02-08-07 CHECK: M.SAMPLE DATE: 02-08-07 ENR: F.ENTREKIN DATE: 02-08-07 APPROVED: T.HINS DATE: 02-08-07 RELEASED: DATE:		
HOLE DIAMETER TOLERANCE .125 ± .001 .1875 ± .001 .250 ± .001 .3125 ± .001 .375 ± .001 .4375 ± .001 .500 ± .001 .5625 ± .001 .625 ± .001			AVALEX TECHNOLOGIES 115-A GREGORY SQUARE PENSACOLA, FLORIDA 32502 (850) 470-8484		
USED ON: _____ NEXT ASSY: _____			SIZE: C CAGE CODE: 096Y5 DRAWING NO: AVR82x0-ICD PROJECT: AVR82x0 SERIES SCALE: 5/4 REV: - SHEET NO: 1 OF 4		

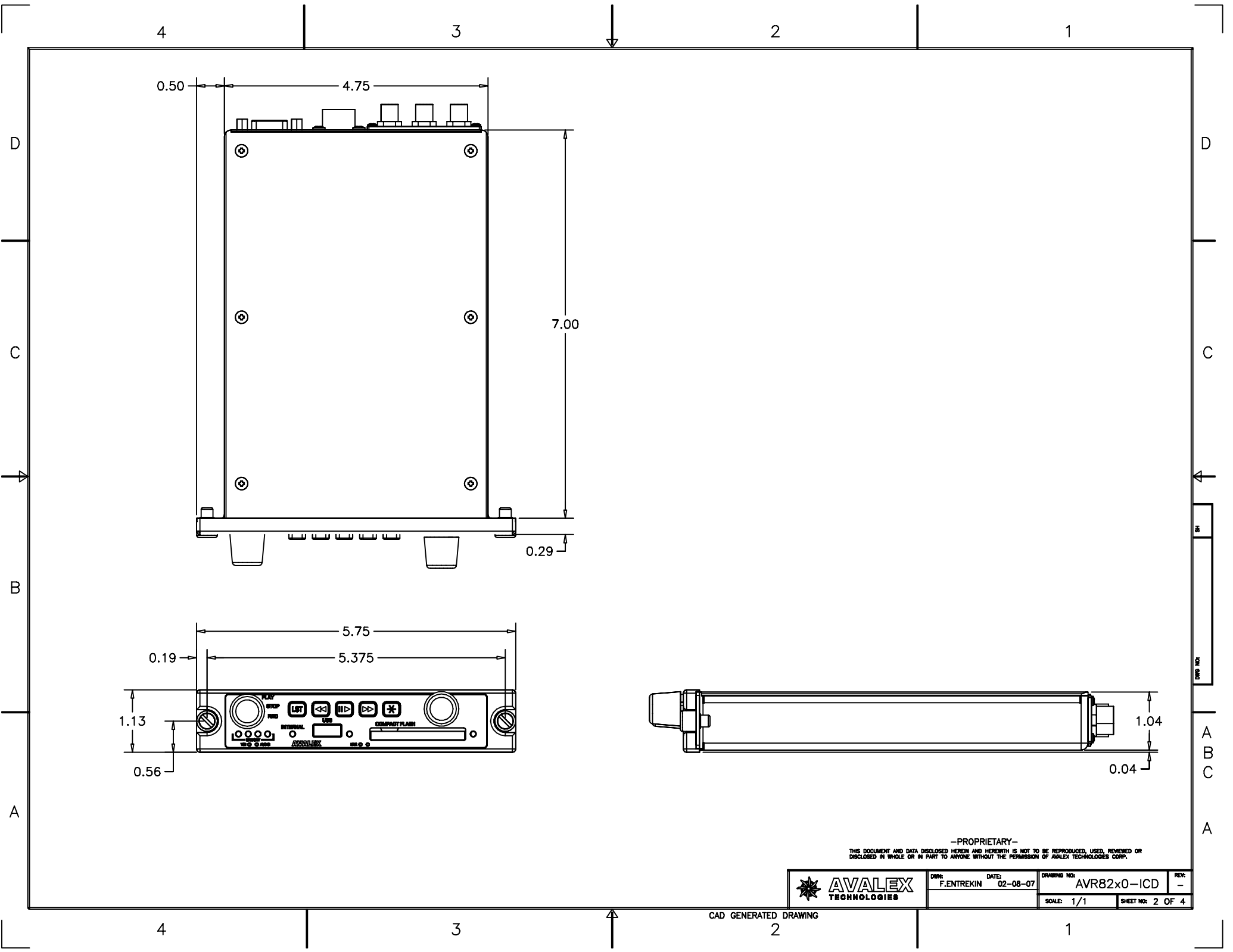
SEQ NO	PROCESS	ADDITIONAL	NOTES

4

3

2

1



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	DWN: F.ENTREKIN	DATE: 02-08-07	DRAWING NO: AVR82x0-ICD	REV: -
	SCALE: 1/1		SHEET NO: 2 OF 4	

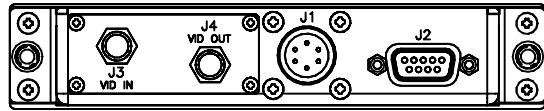
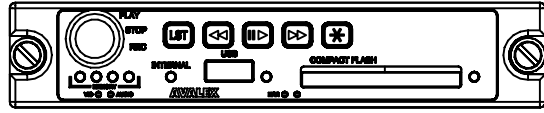
CAD GENERATED DRAWING

4

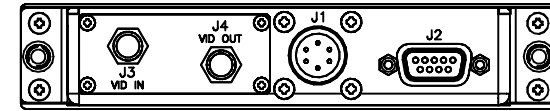
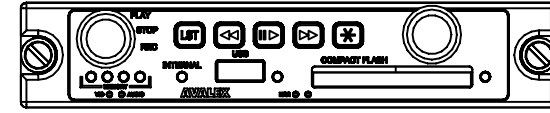
3

2

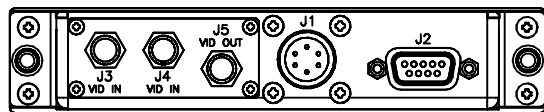
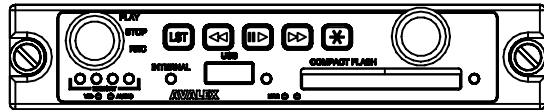
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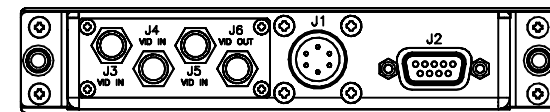
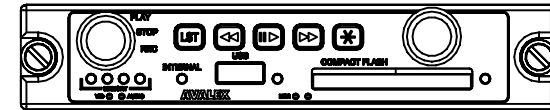
MODEL NO. AVR8210



MODEL NO. AVR8220



MODEL NO. AVR8230



MODEL NOS. AVR8240/AVR8240-8/AVR8240-14

D

D

C

C

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	DWG: F.ENTREKIN	DATE: 02-08-07	DRAWING NO: AVR82x0-ICD	REV: -
	SCALE: 1/1		SHEET NO: 3 OF 4	

CAD GENERATED DRAWING

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AVR82x0 SERIES RECORDERS

RECORDER POWER CONNECTOR

P/N: MS3112E10-6P

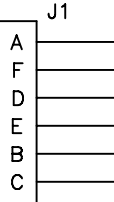
RECOMMENDED MATING CONNECTOR:

P/N: MS3116F10-6S 8

RECOMMENDED CABLE/WIRE:

ALPHA P/N: 5854/7 (24 AWG) 9

5 POWER IN (28V)
 GROUND
 28V DIMMING
 5V DIMMING
 TxD
 RxD



RECOMMENDED MATING CONNECTOR:

AMP 205162-1 (CONNECTOR) 8 9

AMP 205089-1 (CONTACTS)

RECOMMENDED CABLE/WIRE (AUDIO):

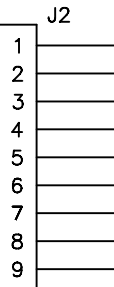
ALPHA P/N: 5853 (26 AWG) 9

RECOMMENDED CABLE/WIRE (ETHERNET):

TWISTED PAIR SHIELDED: MIL-C-27500/18-22-2

7 9

7 AUDIO IN L
 AUDIO IN R
 AUDIO GND
 ETHERNET Tx+
 ETHERNET Tx-
 ETHERNET Rx+
 ETHERNET Rx-
 AUDIO OUT L
 AUDIO OUT R

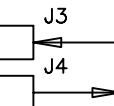


RECORDER VIDEO I/O CONNECTOR:
 APPLIED ENGINEERING PRODUCTS
 P/N: 1703-1571-003
 (75 OHM)

AVR8210

VIDEO INPUT

VIDEO LOOP-THRU

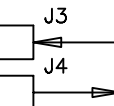


RECOMMENDED MATING CONNECTOR:
 APPLIED ENGINEERING PRODUCTS
 P/N: 1702-1571-003
 (75 OHM) 8

AVR8220

VIDEO INPUT

VIDEO LOOP-THRU



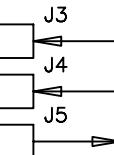
RECOMMENDED CABLE/WIRE:
 RG179 SHIELDED COAX 9

AVR8230

VIDEO INPUT 1

VIDEO INPUT 2

VIDEO LOOP-THRU



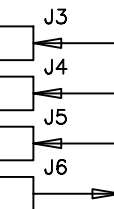
AVR8240
 AVR8240-8
 AVR8240-14

VIDEO INPUT 1

VIDEO INPUT 2

VIDEO INPUT 3

VIDEO LOOP-THRU



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	DATE:	DATE:	DRAWING NO:	REV:
	F.ENTREKIN	02-08-07	AVR82x0-ICD	-
SCALE: N/A			SHEET NO: 4 OF 4	

CAD GENERATED DRAWING

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