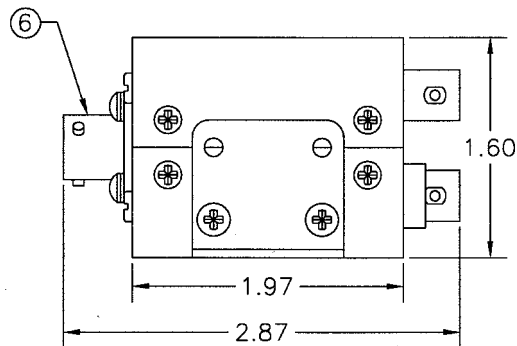
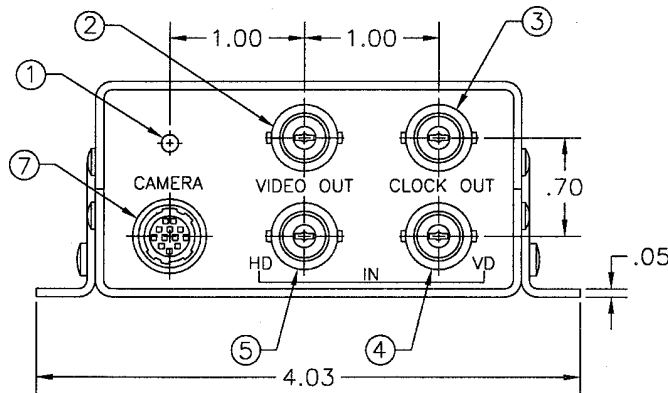
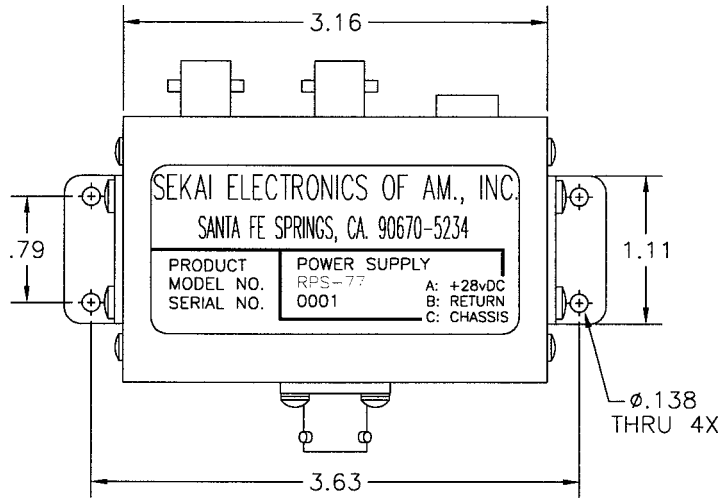
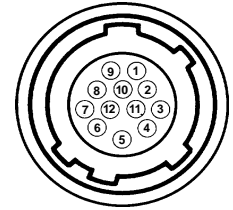


* MIL-STD-704E compliance is a design goal, but has not been verified by testing



- ① PILOT LAMP
- ② VIDEO OUT (Video Output Signal) connector (BNC)(Also "Y" out)
- ③ CLOCK OUT CONNECTOR (Also "C" out)
- ④ VD IN CONNECTOR (BNC)
VD or VBS signals are in put to the camera from from the external signal generator
- ⑤ HD IN CONNECTOR
HD signal is input to the camera from the external signal generator
- ⑥ INPUT POWER (28VDC ± 4VDC)
Pin Connections:
A: +28VDC C: Chassis Ground
B: Return D: N/C
- ⑦ Output Power; Video and Signals from camera



⑦
Front view of
receptacle
on RPS-77

Signal Pin No.	Pin Assignment of DC Out Video Connector		
	External sync Signal		Internal Sync Signal
	HD, VD	VS	
1	Ground	Ground	Ground
2	+12V	+12V	+12V
3	VBS/Y Output (ground)	VBS/Y Output (ground)	VBS/Y Output (ground)
4	VBS/Y Output (signal)	VBS/Y Output (signal)	VBS/Y Output (signal)
5	HD input (ground)	-	-
6	HD input (signal)	-	-
7	VD input (signal)	VS input (signal)	-
8	-/C output (ground)	-/C output (ground)	-/C output (ground)
9	-/C output (signal)	-/C output (signal)	-/C output (signal)
10	Ground	Ground	Ground
11	+12V	+12V	+12V
12	VD input (ground)	VD input (ground)	-

Dimensions are in inches	RPS-77E ASSEMBLY		
	Scale: Date: 1-3-94	Approved By: LK	Drawn By: RY Revised: 12-06-00
Tolerances are: XX = ± .01 XXX = ± .005 Angles = ± 1 Deg.	AIRCRAFT POWER SUPPLY		
	1 s Electronics of America, Inc. 13570 Larwin Cir., Santa Fe Springs, CA 90670-5031		Drawing Number R77-001