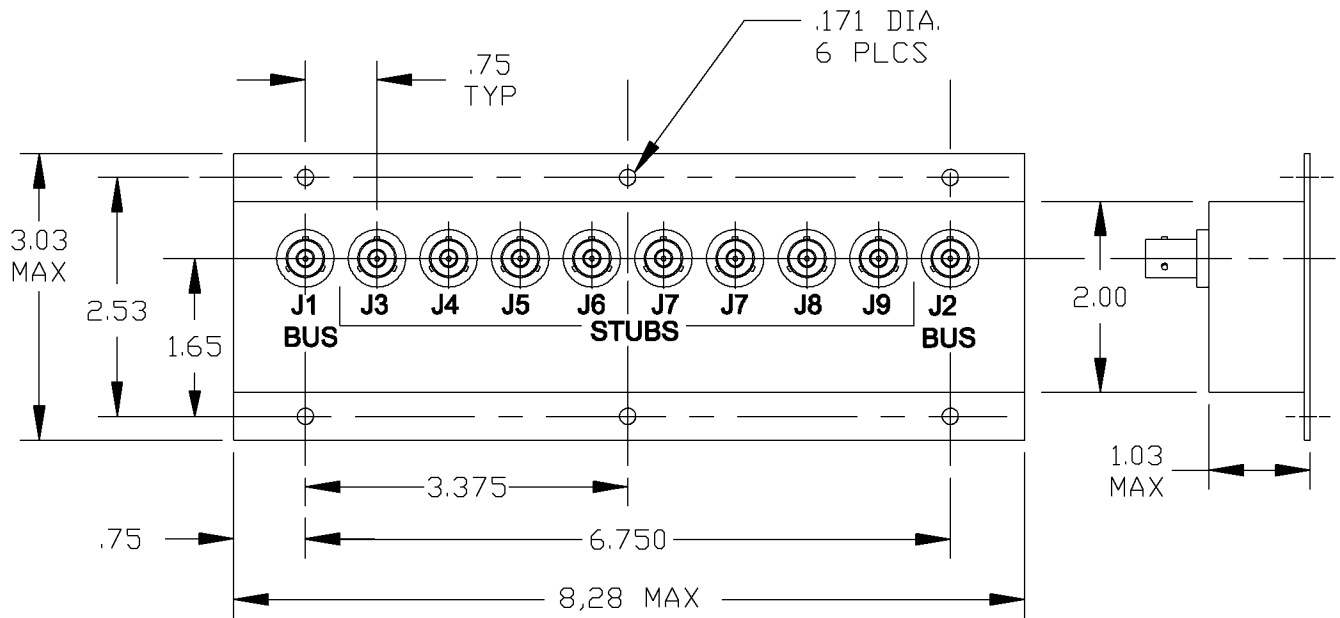


# APPLICATIONS

# REVISIONS

NEXT ASSY	USED ON	LTR	DESCRIPTIONS	DATE	APPROVED
	MULTIPLE	—	BASELINE RELEASE	05 / 25 / 94	



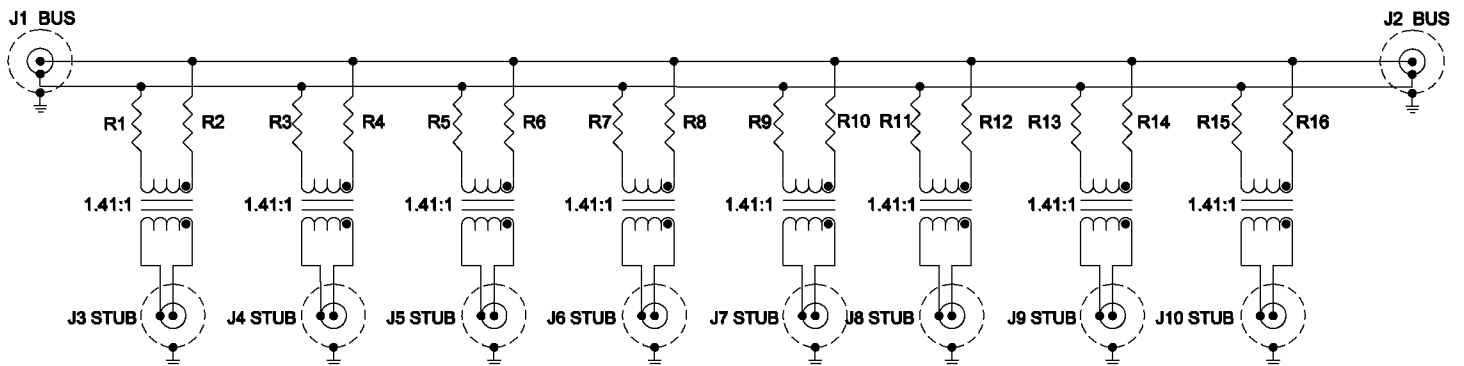
## INTERFACE CONTROL DRAWING

REV	LTR																														
—	—																														
SHT NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES 2PL ± .03 3PL ± .010		CONTRACT NO.					<b>DATA BUS PRODUCTS CORP.</b> MANHASSET, NEW YORK 11030 <b>COUPLER, DATA BUS, 8 STUB</b> <b>MIL - STD - 1553B</b>																								
		PREPARED <b>W.S.</b>																													
		CHECKED <b>940525</b>					SIZE <b>A</b>		CODE IDENT NO. <b>03JJ7</b>					DRAWING NO. <b>DBP80091</b>																	
		MATERIAL  SEE PARAGRAPH 2.1					ENGR.					SCALE : NONE					REV. —					SHEET 1 OF 2									
ENGR.							APPROVED					APPROVED BY OTHER ACTIVITY																			

# REVISIONS

LTR	DESCRIPTIONS	DATE	APPROVED
—	BASELINE RELEASE	05 / 25 / 94	

- 1.0 ELECTRICAL SPECIFICATIONS: IAW MIL - STD - 1553B.**
- 1.1 COMMON MODE REJECTION: -55.0db MAX @ 1.0MHZ.**
- 1.2 DROOP: 20% MAX (250khz).**
- 1.3 OVERSHOOT & RINGING: ± 1.0V PEAK (250khz) SQUARE WAVE WITH 100ns MAX RISE & FALL TIME).**
- 1.4 STUB VOLTAGE: 1.0V TO 14.0V P-P; LINE TO LINE; SIGNAL VOLTAGE, TRANSFORMER COUPLING.**
- 1.5 INPUT IMPEDANCE OF BUS: 375 OHMS MIN. (75kHz - 1.0MHz), STUB WITH OPEN CIRCUIT.**
- 1.6 FAULT PROTECTION: 58.5 OHMS ± 2% RESISTOR IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE.**
- 1.7 RESISTOR VALUE: 1 WATT IAW MIL - R - 39017, R1 -R16 (75% Zo). NOMINAL LINE IMPEDANCE OF BUS (Zo): 78 OHMS.**
- 2.0 MECHANICAL SPECIFICATIONS:**
- 2.1 MATERIAL: ENCLOSURE: COLD ROLLED STEEL, .031 THK..**
- 2.1.1 MOUNTING PLATE: COLD ROLLED STEEL, .042 THK..**
- 2.2 FINISH: BLACK ENAMEL PER TT - E - 529, COLOR IAW FED - STD - 595, #27028, OVER HOT TIN DIP.**
- 2.3 CONNECTORS: BJ77 (TROMPETER OR EQUIV.) J1 THRU J10. MATING CONNECTOR FOR REFERENCE: PL75 (TROMPETER OR EQUIV.).**
- 3.0 ENVIRONMENTAL:**
- 3.1 OPERATING TEMPERATURE RANGE: -55°C TO 125°C.**



## SCHEMATIC DIAGRAM

⊥ = ENCLOSURE GROUND

SIZE <b>A</b>	CODE IDENT NO. <b>03JJ7</b>	DRAWING NO. <b>DBP80091</b>
SCALE : NONE	REV. —	SHEET 2 OF 2