

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: 600 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 - R10 (75% Zo). NOMINAL LINE IMPEDANCE OF BUS (Zo): 78 OHMS.

2.0 MECHANICAL SPECIFICATIONS:

2.1 MATERIAL: ENCLOSURE: COLD ROLLED STEEL, .031 THK..

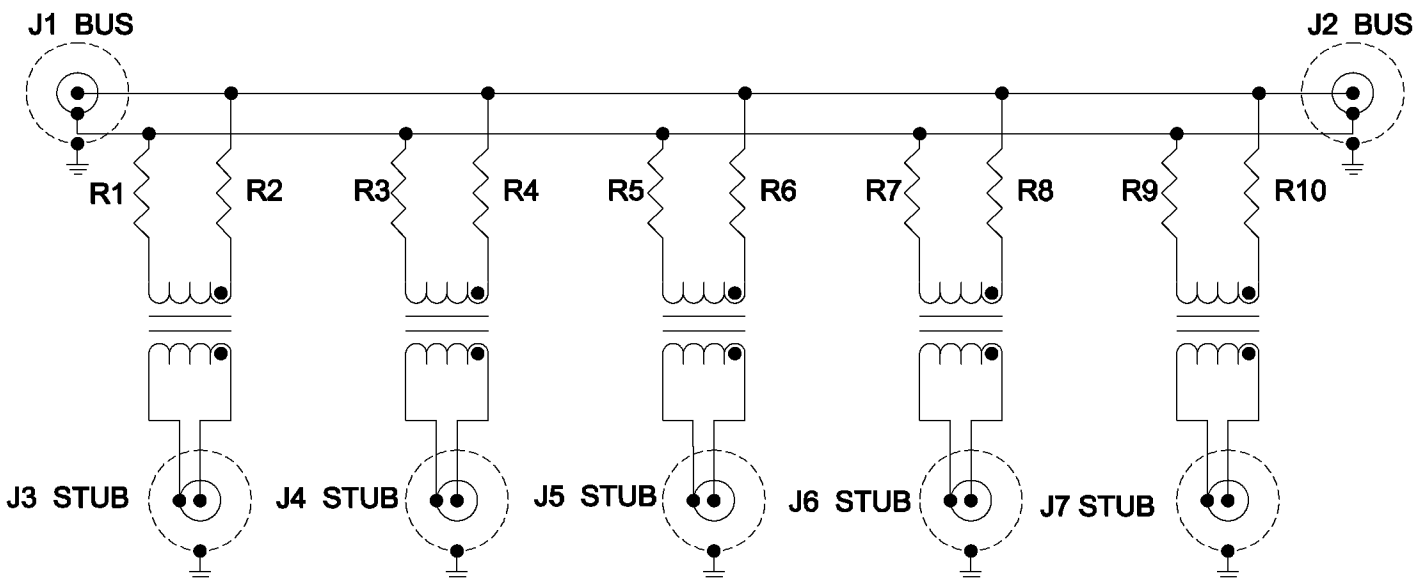
2.1.1 MOUNTING PLATE: COLD ROLLED STEEL, .042 THK..

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 J7.
MATING CONNECTOR FOR REFERENCE: PL75 (TROMPETER OR EQUIV.).

3.0 ENVIRONMENTAL:

3.1 OPERATING TEMPERATURE RANGE: -55°C TO 125°C.



SCHMATIC DIAGRAM

⏏ = ENCLOSURE GROUND

SIZE A	CODE IDENT NO. 03JJ7	DRAWING NO. DBP50010
SCALE : NONE	REV. —	SHEET 2 OF 2