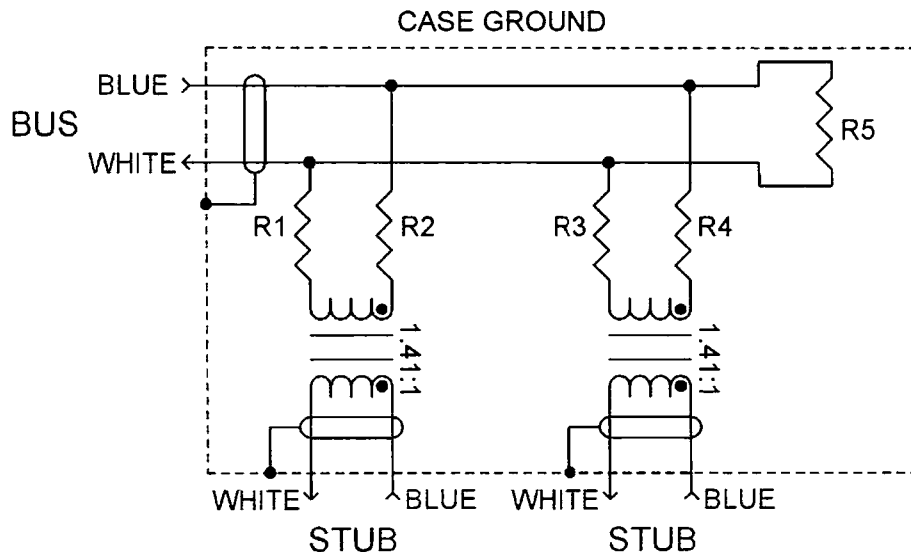


REVISIONS

LTR	DESCRIPTIONS	DATE	APPROVED
—	BASELINE RELEASE	08 / 02 / 94	WS
A	REVISED PER EC 2100	09 / 24 / 04	WS

- 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: 1500 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 - 39007, R1 - R4 (75 % Z_o). NOMINAL LINE IMPEDANCE OF BUS (Z_o): 78 OHMS. R5 = 78 OHMS.
- 2.0 MECHANICAL SPECIFICATIONS:
- 2.1 MATERIAL: ENCLOSURE: COLD ROLLED STEEL, .031 THK. MAX..
- 2.2 FINISH: ENVIRONMENTAL PROTECTIVE COVERING: FLAME RETARDED, RADIATION CROSSLINKED POLYOLEFIN.
- 2.3 CABLE: PER MIL - C - 17/176-00002.
- 3.0 ENVIRONMENTAL:
- 3.1 OPERATING TEMPERATURE RANGE: -55°C TO 125°C.



SCHEMATIC
DIAGRAM

SIZE	CODE IDENT NO.	DRAWING NO.
A	03JJ7	DBP22005
SCALE : NONE	REV. A	SHEET 2 OF 2