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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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with experienced engineers and technicians on staff.

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along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

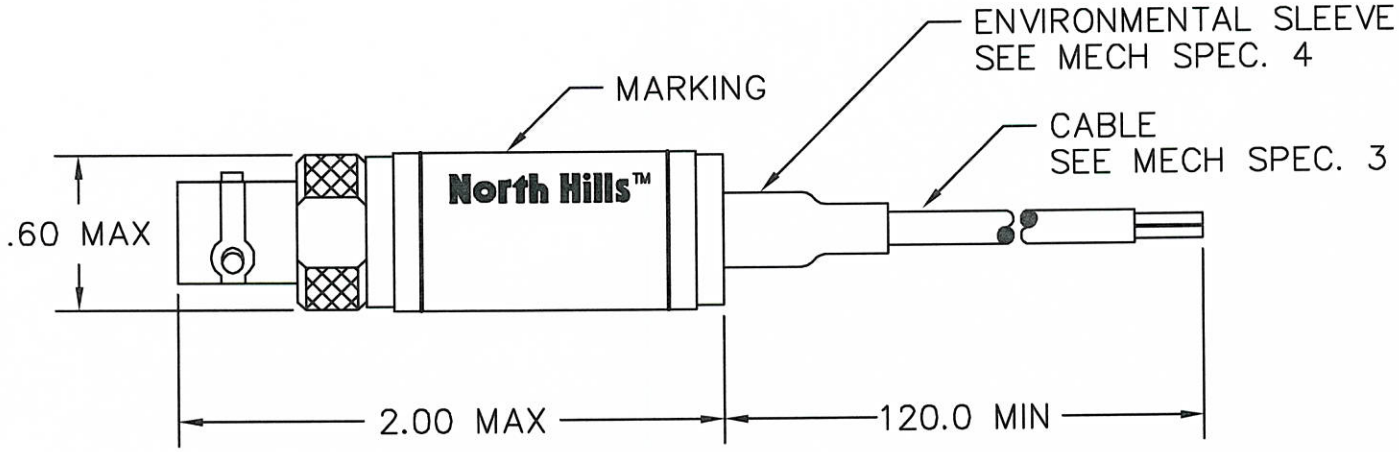
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REVISIONS

ECN	REV.	DESCRIPTION OF CHANGE	DATE	APP'D
–	A	DRAWING RELEASE		



MECHANICAL SPECIFICATIONS:

1. CONNECTOR: TROMPETER CJ70 OR EQUIVALENT.
2. CASE MATERIAL: COLD ROLLED STEEL, HOT TINNED.
3. CABLE PER MIL–C–17/176–00002.
4. ENVIRONMENTAL SLEEVE PER MIL–I–23053/5 CLASS 1.

SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
REV	A	A													

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
DECIMALS .xx .xxx
ANGLES

THIRD ANGLE PROJECTION

CUSTOMER CONTROLLED DOCUMENT

NEXT ASSY.

APPROVALS
SIGNATURE AND DATE

DRAWN K. Tsang 6/9/97

CHECKED

ENGRG.

Q.A.

I.E.

North Hills™ Signal Processing
SYOSSET, N.Y. 11791
TM A TRADEMARK OF NORTH HILLS ELECTRONICS, INC.

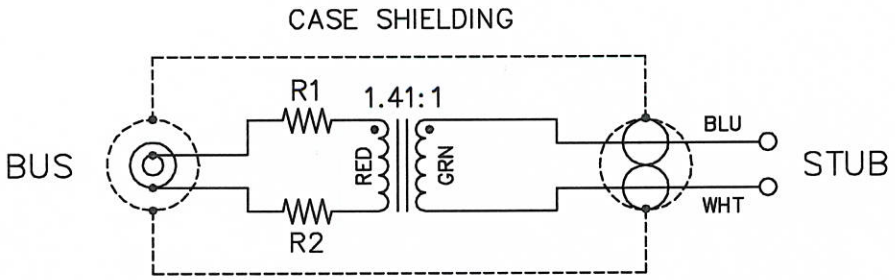
DATA BUS COUPLER MIL–STD–1553B OUTLINE DRAWING

SIZE	FSCM No.	DWG. NO.	REV.
A	98821	DB10311	A

SCALE: NONE CAD # 4890A003 SHEET 1 OF 2

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SCHEMATIC

ELECTRICAL NOTES:
1. R1, R2 = 0.75Zo (1 WATT PER MIL-R-39007)
2. Zo = NOMINAL LINE IMPEDANCE OF BUS = 78 Ω
3. N = 1.41

ELECTRICAL SPECIFICATIONS: (IAW MIL-STD-1553B, NOTICE 1)

INPUT IMPEDANCE OF BUS (STUB OPEN CIRCUITED)	3000 OHMS, MINIMUM (75 kHz TO 1.0 MHz)
DROOP	20% MAXIMUM (250 kHz)
OVERSHOOT AND RINGING	±1.0V PEAK (250 kHz SQUARE WAVE WITH 100 ns MAXIMUM RISE AND FALL TIME)
COMMON MODE REJECTION	−55.0 dB (MIN) @ 1.0 MHz
FAULT PROTECTION	59.0 Ω ±1% RESISTOR IN SERIES WITH EACH BUS WINDING CONNECTION
STUB VOLTAGE	1.0V TO 14.0V P-P, LINE-TO-LINE, SIGNAL VOLTAGE (TRANSFORMER COUPLED)

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A	98821	DB10311	A
SCALE: NONE		CAD #	SHEET 2 OF 2

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We buy equipment

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