

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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

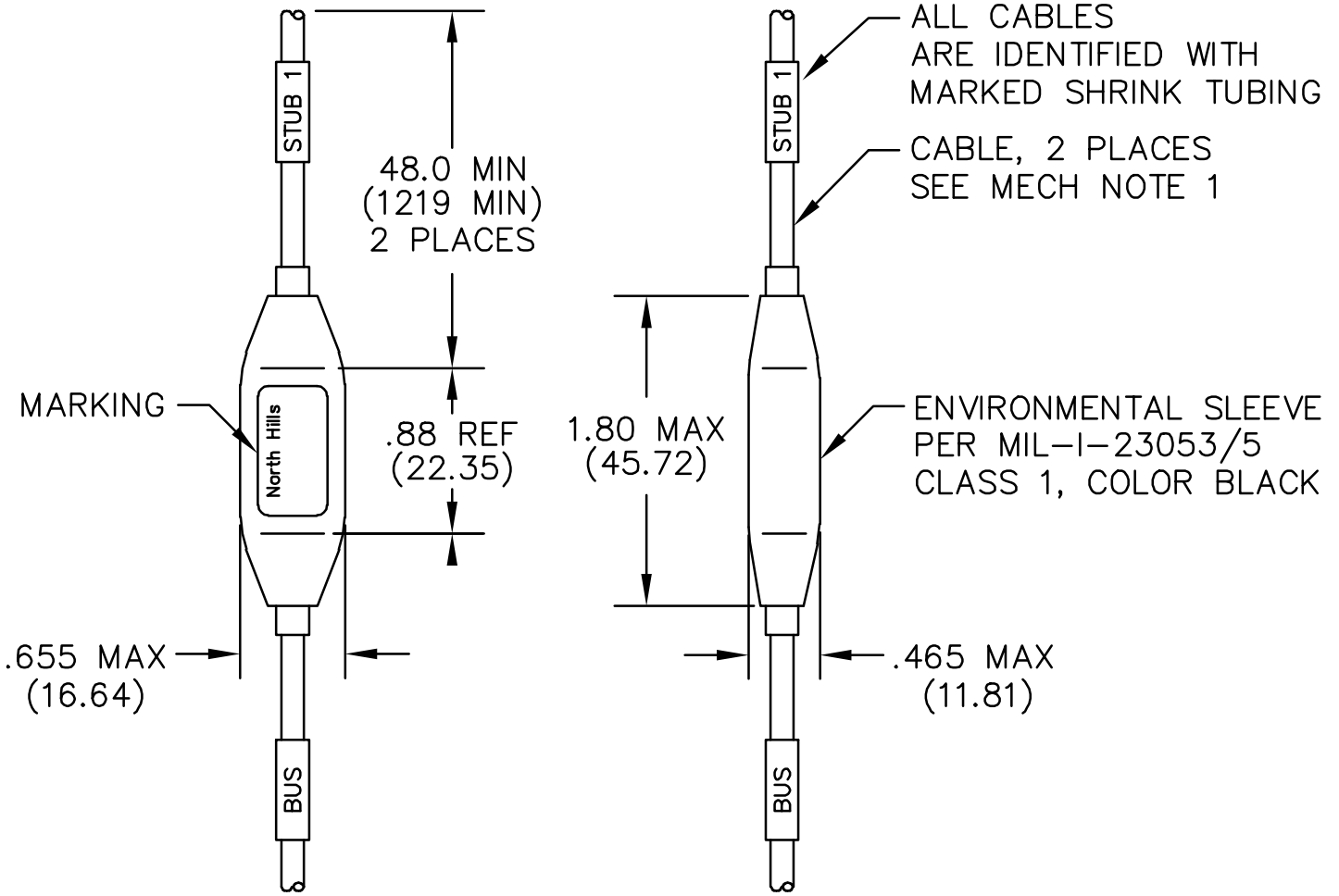
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Find the *DDC / North Hills DB12005-026* at our website: *Click HERE*

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REVISIONS

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



MECHANICAL SPECIFICATIONS:

1. CABLE PER MIL–C–17/176–00002.
2. CASE MATERIAL – COLD ROLLED STEEL, HOT TINNED.
3. WEIGHT – 12 GRAMS MAX. (EXCLUDING CABLES).
4. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.

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 ANGLES
.XX ±.03 (±.76)
.XXX ±.010(±.254)

THIRD ANGLE PROJECTION

CUSTOMER CONTROLLED DOCUMENT

NEXT ASSY.

APPROVALS
SIGNATURE AND DATE

DRAWN N. Tran 6-3-98

CHECKED

ENGRG.

Q.A.

I.E.

North Hills™ Signal Processing

SYOSSET, N.Y. 11791

TM A TRADEMARK OF NORTH HILLS ELECTRONICS, INC.

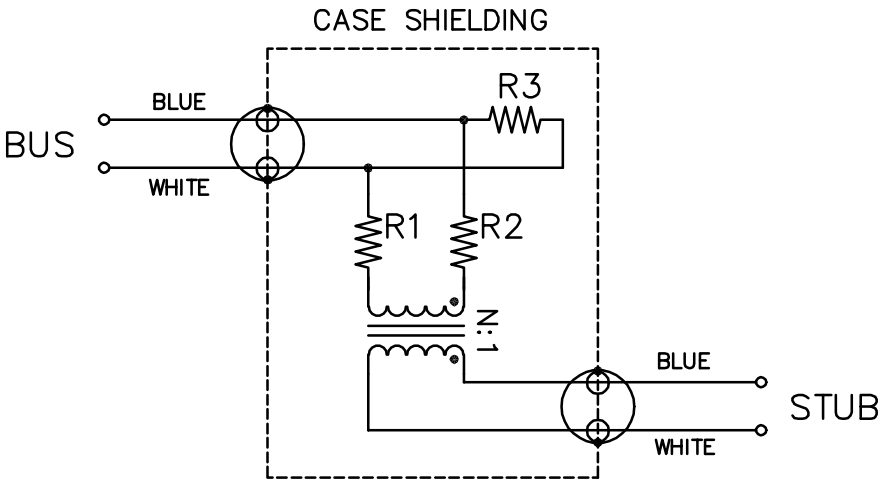
DATA BUS COUPLER MIL–STD–1553B OUTLINE DRAWING

SIZE	FSCM No.	DWG. NO.	REV.
A	98821	DB12005–026	A

SCALE: NONE CAD # 5316A003 SHEET 1 OF 2

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SCHEMATIC

ELECTRICAL NOTES:
1. R1 AND R2 = 0.75Zo (1 WATT PER MIL-R-39007)
   R3 = 76.8 Ω (2 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 XFMR (STUB OPEN CIRCUITED)	3000 OHMS, MINIMUM (75 kHz TO 1.0 MHz) (NOMINAL IMPEDANCE OF COUPLER WITHOUT CABLES)
DROOP	20% MAXIMUM (250 kHz, INPUT)
OVERSHOOT AND RINGING	±1.0V PEAK (250 kHz SQUARE WAVE INPUT 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 28.0V P-P, LINE-TO-LINE, SIGNAL VOLTAGE (TRANSFORMER COUPLED)

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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