

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

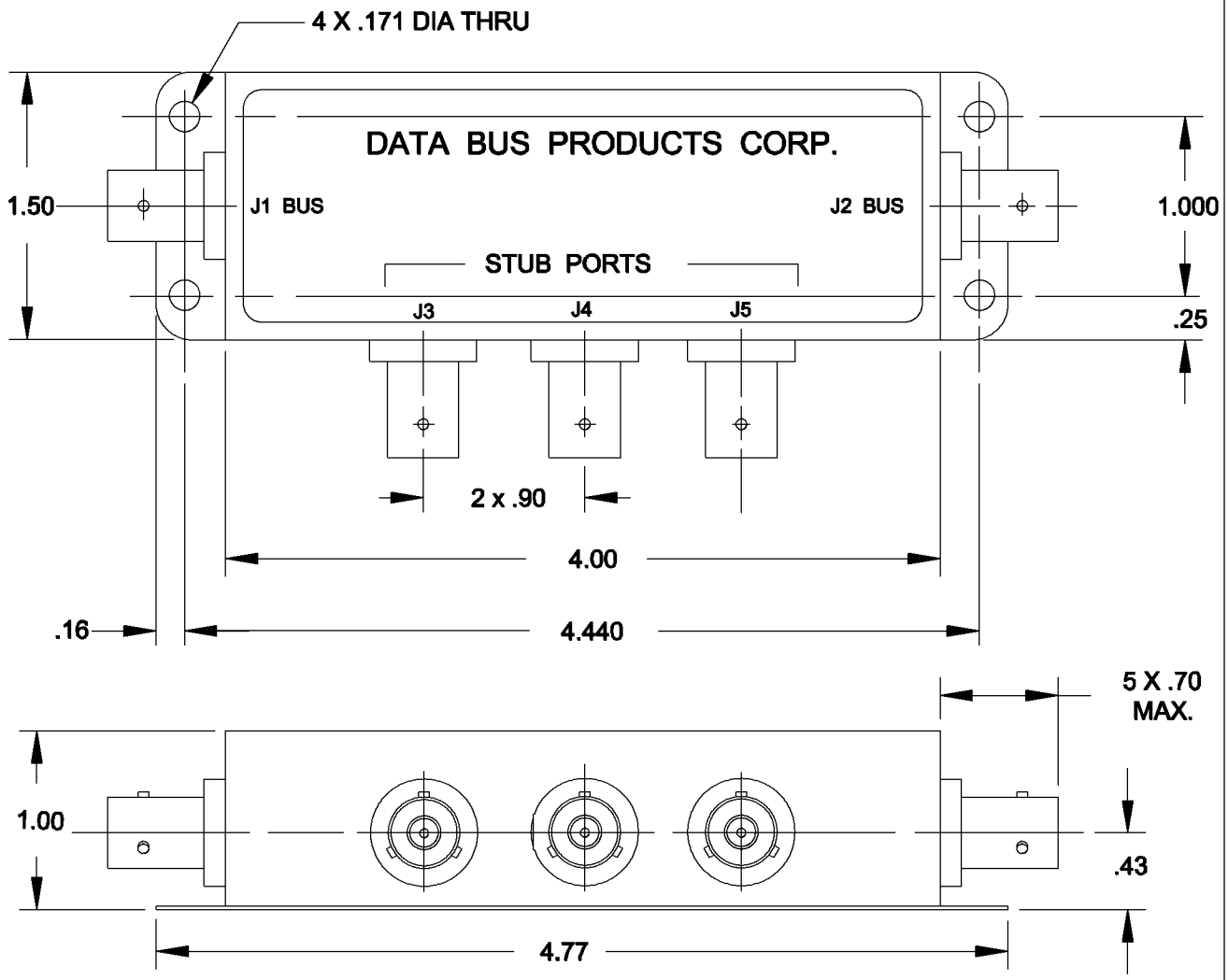
Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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

MATERIAL

SEE PARAGRAPH 2.1

CONTRACT NO.

PREPARED W.S.

CHECKED 940525

ENGR.

ENGR.

APPROVED

APPROVED BY OTHER ACTIVITY

DATA BUS PRODUCTS CORP.
MANHASSET, NEW YORK 11030

COUPLER, DATA BUS, 3 STUB
MIL - STD - 1553B, 3 LUG

SIZE	CODE IDENT NO.	DRAWING NO.
A	03JJ7	DBP30010

SCALE : NONE | REV. — | SHEET 1 OF 2

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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.OV P-P; LINE TO LINE; SIGNAL VOLTAGE, TRANSFORMER COUPLING.

1.5 INPUT IMPEDANCE OF BUS: 1000 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 - R6 (75% Zo).
NOMINAL LINE IMPEDANCE OF BUS (Zo): 78 OHMS.

2.0 MECHANICAL SPECIFICATIONS:

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

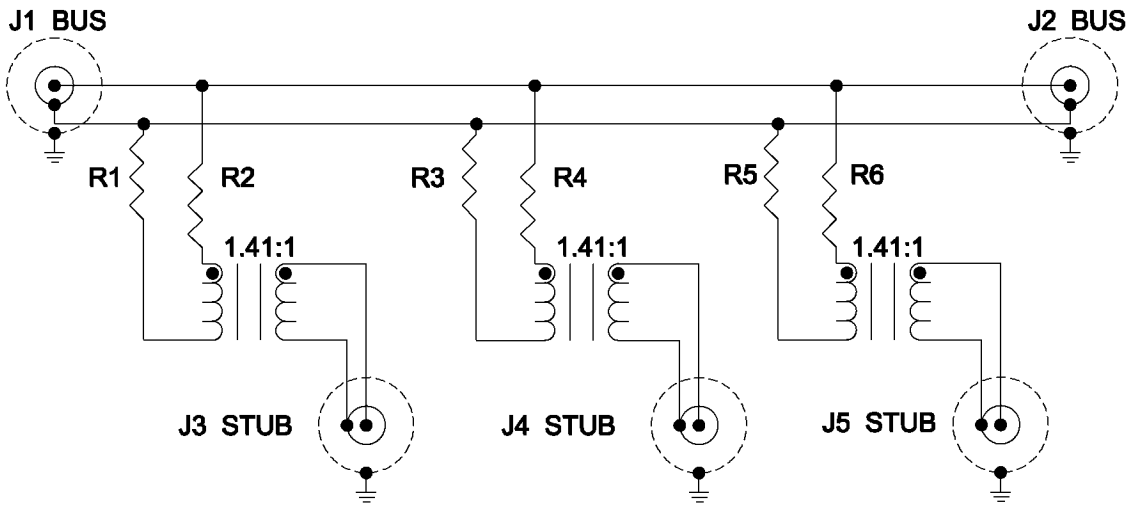
2.1.1 MOUNTING PLATE: COLD ROLLED STEEL, .042 THK..

2.2 FINISH: BLACK ENAMEL PER TT - E - 529, COLOR IAW FED - STD - 595, #27028, OVER HOT TIN DIP.

2.3 CONNECTORS: BJ77 3 LUG (TROMPETER OR EQUIV.) J1 THRU J5.
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	CODE IDENT NO.	DRAWING NO.
A	03JJ7	DBP30010

SCALE : NONE	REV. —	SHEET 2 OF 2

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

Gold-standard solutions

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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