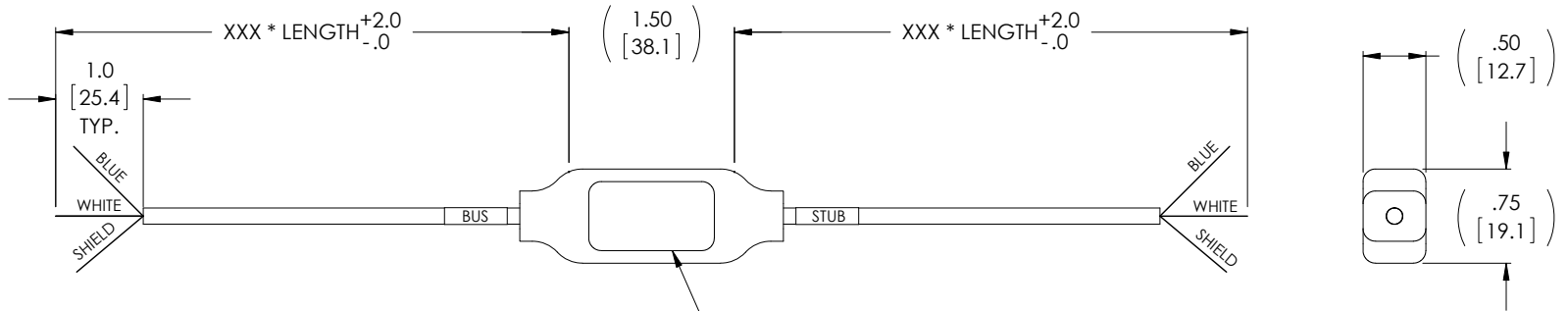
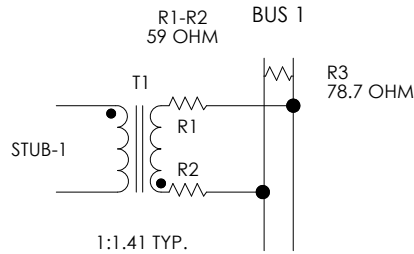


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/18/16	D.FRISIELLO
B	ECN8624: REMOVE BLUE & WHITE WIRE DESCRIPTION FROM RESISTOR	1/30/17	D.FRISIELLO

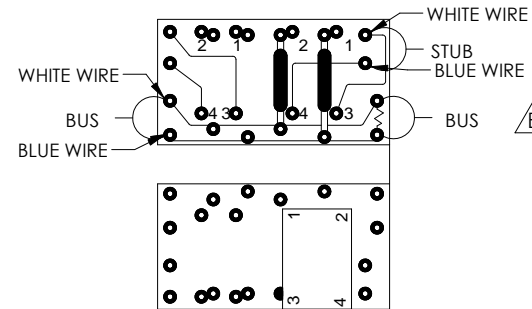


**WIRING MAP**

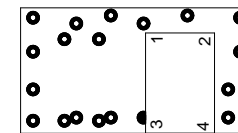


90-50261-XXX  
 4Z977 DATE CODE

**PC BOARD TOP VIEW**



**PC BOARD BOTTOM VIEW**



**1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B**

- 1.1 DROOP 20% MAXIMUM
- 1.2 OVERSHOOT AND RINGING +/- 1.0V PK-PK
- 1.2 TRANSFORMER RATIO 1:1.41 TURNS
- 1.4 FAULT PROTECTION 59 OHM +/-1%, 2 WATT PER MIL-R-39007
- 1.5 TERMINATING RESISTOR 78.7 OHM +/-1%, 2 WATT PER MIL-R-39007
- 1.6 COMMON MODE REJECTION -55dB @ 1 MHz

**2.0 MECHANICAL SPECIFICATIONS:**

- 2.1 HOUSING: 1100 SERIES ALUMINUM ALLOY, CLEAR ANODIZED
- 2.2 ENCAPSULATING COMPOUND: TOUGH SEAL 21 POTTING COMPOUND
- 2.3 STUBS BLUNT UNLESS OTHERWISE SPECIFIED.
- 2.4 TWINAX CABLE: BLUE, 78 OHM, O.D.: 0.129", M17/176-00002.

**3.0 ENVIRONMENTAL:**

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

**4.0 NOTES:**

- 4.1 XXX \* =DENOTES LENGTH IN INCHES.

**NON CONTROLLED DRAWING IF PRINTED**

AS9100C CERTIFIED			CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY			
DASH	NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES	SIGNATURE	DATE	 <small>MILESTEK CORPORATION          1506 INTERSTATE 35 WEST          DENTON, TX 76207          PHONE: 866.524.1553          FAX: 940.591.7086</small>
			OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0%  ALL OTHER DIMENSIONAL TOLERANCES: .X = ±.2 [5.08] .XX = ±.02 [5.1] .XXX = ±.005 [13]	DRAWN BY: D.FRISIELLO 3/17/16  CHECKED BY: M.HEARN 3/17/16  APPROVED ENGINEERING: M.HEARN 3/17/16  APPROVED MANUFACTURING:  CUSTOMER APPROVAL:	TITLE 1-STUB TERM INLINE COUPLR	
			CUSTOMER REFERENCE DOCUMENT:	CAGE CODE: 4Z977	SCALE: NTS	DRAWING NUMBER: 90-50261
APPLICATION						SHEET 1 OF 1