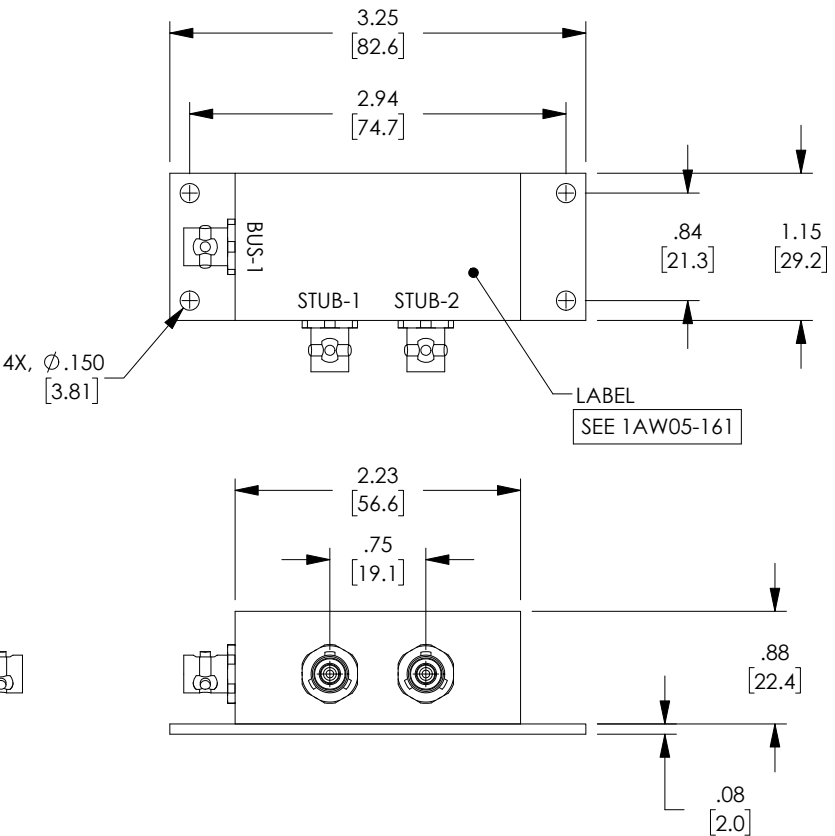
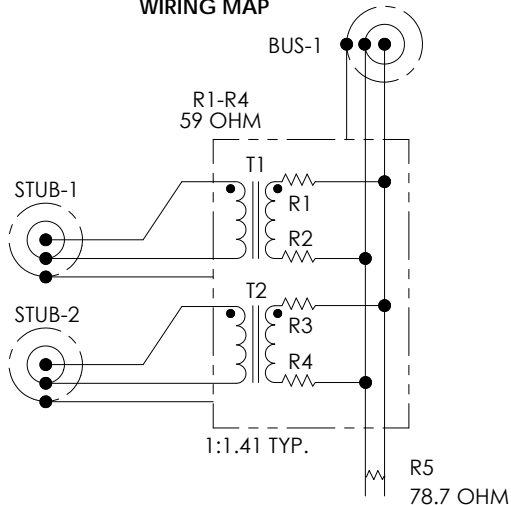


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LEAD FREE SOLDER

| REVISONS | | | |
|----------|-----------------|------------|------------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 05/28/2019 | DFRISIELLO |
| | | | |
| | | | |
| | | | |

WIRING MAP



1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

- | | |
|---------------------------|--|
| 1.1 DROOP | 20% MAXIMUM |
| 1.2 OVERSHOOT AND RINGING | +/- 1.0V PK-PK |
| 1.3 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: DIE CAST A360 ALUMINUM ALLOY
CLEAR ANODIZED AND PAINTED WITH TEXTURE.
BAKED ENAMEL, COLOR: BLUE
- 2.2 BASE PLATE: 6061-T6 ALUMINUM, SATIN FINISH.
- 2.3 CONNECTOR: TRS PLUG OR EQUIVALENT

3.0 ENVIRONMENTAL:

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

4.0 ALL MATERIALS USED ARE CERTIFIED RoHS COMPLIANT.

| | | | |
|--|-------------------------|--------------|--|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤40 [1524] = +2 [51] / -0 >40 [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 [1.3] CUSTOMER REFERENCE DOCUMENT: | SIGNATURE | DATE | <div><div>MilesTek</div><div>Military Aerospace Communications Industrial</div></div> <div>MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047</div> |
| | DRAWN BY: DFRISIELLO | 05/21/2019 | |
| | CHECKED BY: MHEARN | 05/28/2019 | |
| | APPROVED BY: MHEARN | 05/28/2019 | |
| CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | | | TITLE ROHS 2 STUB SUBMIN TLBJ TRS BOX COUPLER |
| CAGE CODE: 4Z977 | | SIZE A | DRAWING NUMBER: MSX00056 |
| | | SCALE: NTS | REV. A |
| | | SHEET 1 OF 1 | |