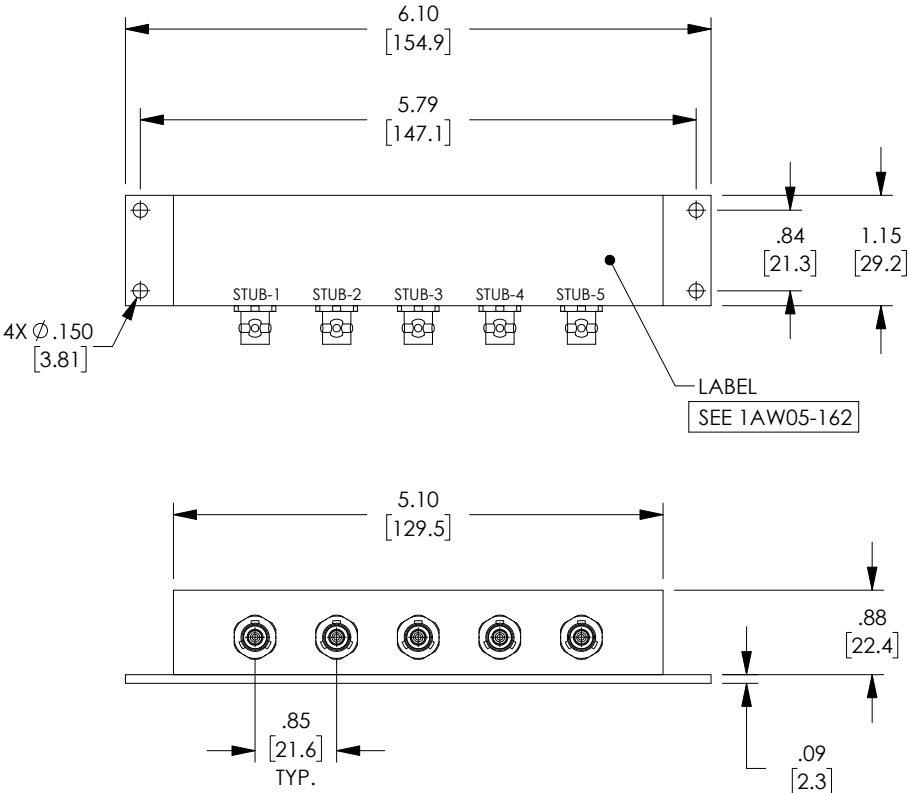
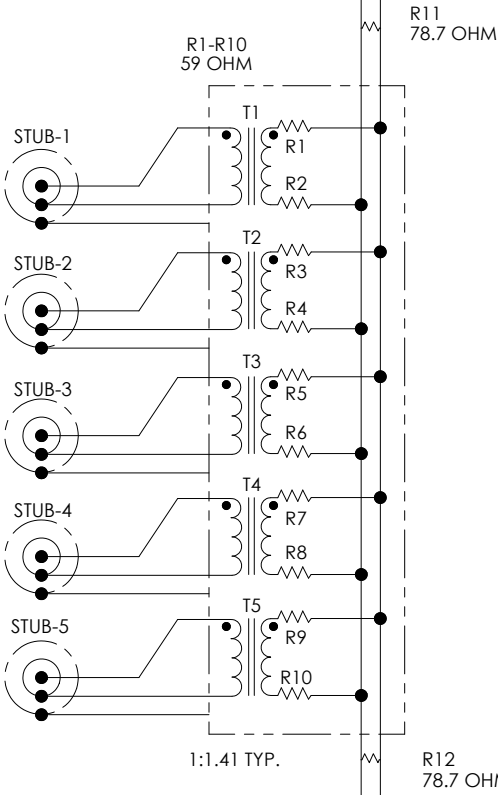


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LEAD FREE SOLDER

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.

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤40 [1024] = +2 [51] / -0 >40 [1024] ≤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	 Military Aerospace Communications Industrial MILESTEK CORPORATION 301 LEORA LANE, SUITE 100 LEWISVILLE, TX 75056 PHONE: (940) 484-9400 FAX: (940) 566-1047	
	DRAWN BY: DFRISIELLO	05/23/2019		
	CHECKED BY: MHEARN	05/28/2019		
	APPROVED BY: MHEARN	05/28/2019		
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			
CAGE CODE: 4Z977		SIZE A	DRAWING NUMBER: MSX00070	REV. A
		SCALE: NTS		SHEET 1 OF 1