



MILESTEK PART NUMBER	TRANSFORMER RATIO T1	R1-R2 STUB RESISTOR VALUE	R3 BUS RESISTOR VALUE	R4 BUS RESISTOR VALUE	BUS 1 CONNECTOR TRB 3-LUG	BUS 2 CONNECTOR TRB 3-LUG	STUB CONNECTOR TRB 3-LUG
90-50201	1.41:1	59 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50211	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-50531	1:1	59 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50541	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-50631	1:1	54.9 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50641	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-51211	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-51541	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-51641	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52211	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52541	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52641	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-50221	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	n/a	10-06592
90-50551	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	n/a	10-06592
90-50651	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	n/a	10-06592

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 AS NOTED IN TABLE ABOVE
- 1.4 FAULT PROTECTION 59 ohm +/- 1%, 2WATT PER MIL-R-39007
- 1.5 COMMON MODE REJECTION -55 dB @ 1 MHz
- 1.6 NOMINAL UNIT WEIGHT 2.50 OUNCES (70.87 GRAMS)

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: 5052-H32 ALUMINUM, SATIN FINISH.
- 2.3 CONNECTOR 10-06592 OR EQUIVALENT
- 2.4 ENCAPSULATING COMPOUND: EPOXY DP-460
- 3.0 ENVIRONMENTAL:
 - 3.1 OPERATING TEMPERATURE -55 C TO + 125 C

Milestek®

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PLEASE VISIT www.milestek1553.com FOR ADDITIONAL INFORMATION

DRAWN BY: MIKE GREENHILL	APPROVED BY: ROBERT PEREZ	DATE 08/07/09
TITLE: 1 STUB COUPLERS	CAGE CODE: 4Z977	
DRAWING NO: 9051	ISO 9001: 2008 CERTIFIED	REV: A
SCALE: NOT TO SCALE	TOLERANCE: <.1+/.1 .01+>./+/- .1	SHEET: 1 OF 1