



MILESTEK PART NUMBER	TRANSFORMER RATIO T1-T5	R1-R10 STUB RESISTOR VALUE	R11 BUS RESISTOR VALUE	R12 BUS RESISTOR VALUE	BUS 1 CONNECTOR TRB 3-LUG	BUS 2 CONNECTOR TRB 3-LUG	STUB CONNECTOR TRB 3-LUG
90-50205	1.41:1	59 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50215	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-50535	1:1	59 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50545	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-50635	1:1	54.9 ohm, 2W, 1%	n/a	n/a	10-06592	10-06592	10-06592
90-50645	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	10-06592	10-06592
90-51215	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-51545	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-51645	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52215	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52545	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-52645	1:1	54.9 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	10-06592	n/a	10-06592
90-50225	1.41:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	n/a	10-06592
90-50555	1:1	59 ohm, 2W, 1%	78.7 ohm, 2W, 1%	78.7 ohm, 2W, 1%	n/a	n/a	10-06592
90-50655	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 6.90 OUNCES (195.61 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: 5 STUB COUPLERS	CAGE CODE: 4Z977	
DRAWING NO: 9055	ISO 9001: 2008 CERTIFIED	REV: A
SCALE: NOT TO SCALE	TOLERANCE: <.1+/.1 .01/>.1+/- .1	SHEET: 1 OF 1