

SERIES LL-68500-TH

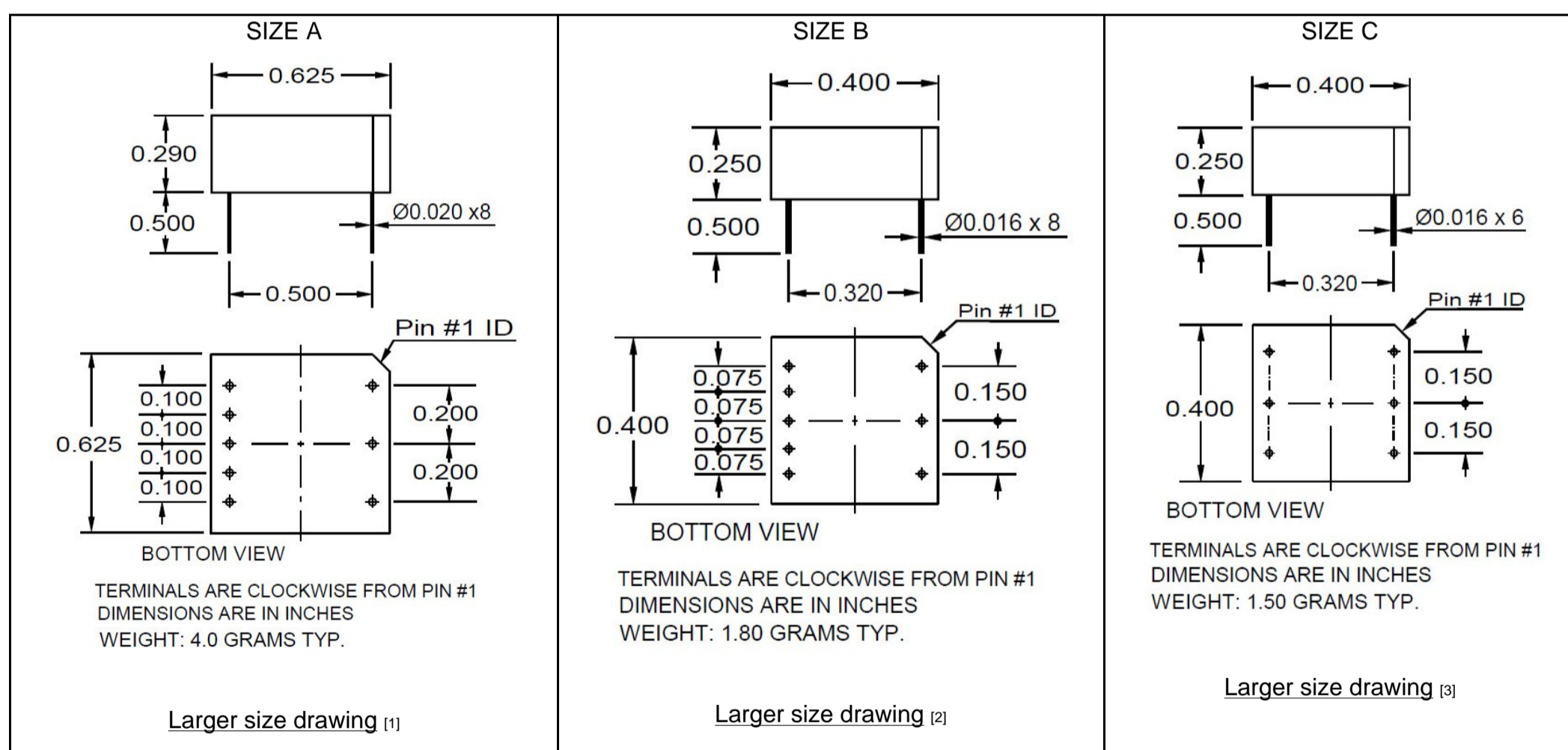
Thru-Hole Units

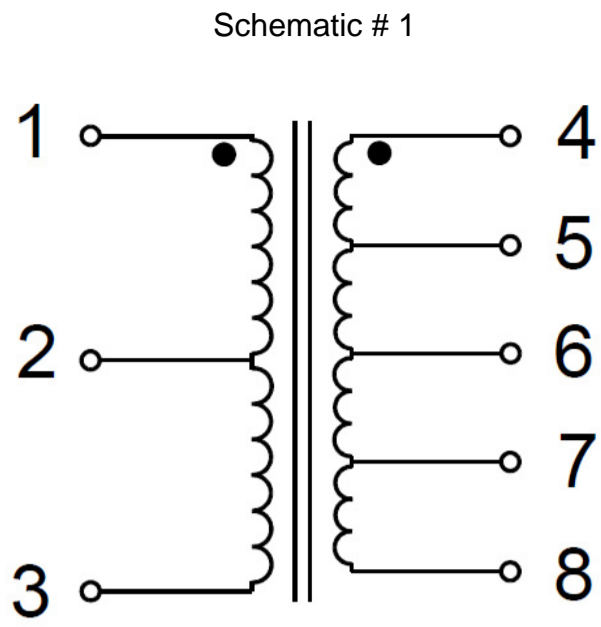
MIL-STD-1553 Transformers

These low profile data-bus transformers are designed with the lowest leakage inductance, to achieve the optimum pulse characteristics in high frequency applications for the commercial, military, and aerospace industries.

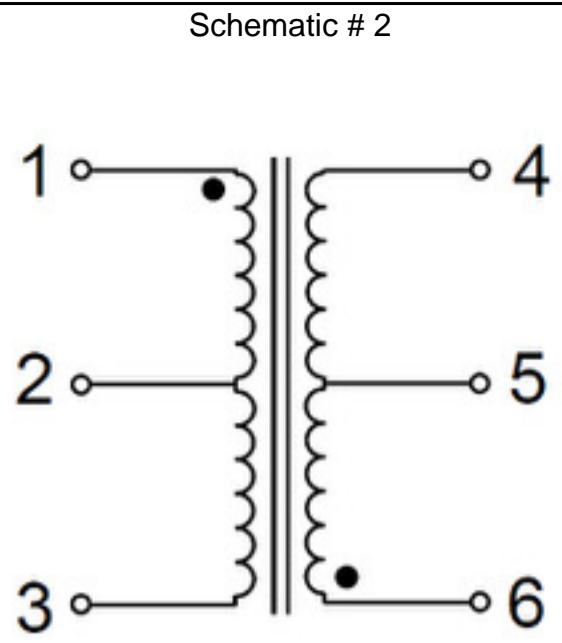
SPECIFICATIONS:

- **Performance to MIL-PRF-21038 requirements**
- **IMPEDANCE:** Minimum value shown in table.
These values will be met from 75 KHz to 1 MHz over temperature of -55°C to +130°C
- **DROOP:** 20% Max.
- **OVERSHOOT:** 1V peak
- **COMMON MODE REJECTION (CMR):** 45 dB min.
- **DIELECTRIC WITHSTANDING VOLTAGE:** 100Vrms
- **INSULATION RESISTANCE:** 10K MOhms@100 V DC

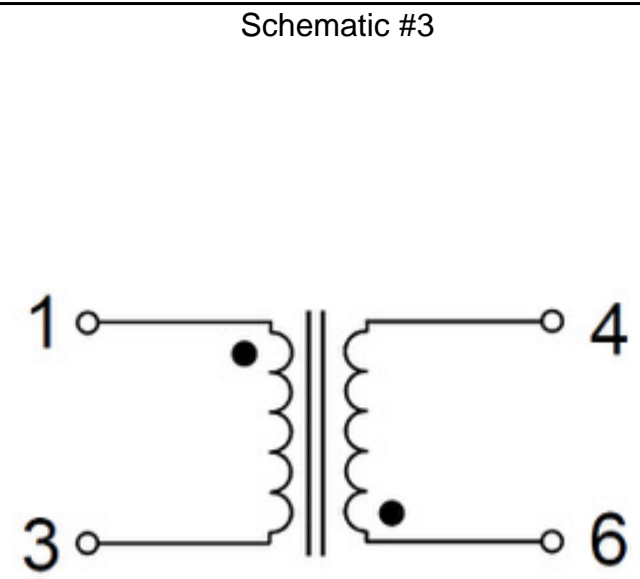




Larger size drawing [4]



Larger size drawing [5]



Larger size drawing [6]

SERIES LL-68500-TH

PICO Part Number	Turns Ratio	Primary Terminals	Secondary Terminals	DC- Resistance		Impedance Ohms (Min.)	Typical Leakage Inductance (uH)	Schematic	Package	Price (1-pcs.) (US)
				Terminals	(Ohms) (Min.)					
LL-68500-TH	1:1 1:0.707	1-3 1-3	4-8 5-7	1-3 4-8	2.90 1.42	(1-3) 4000	(1-3) 4.7	1	A	\$64.99
LL-68505-TH	1.41:1 2:1	1-3 1-3	4-8 5-7	1-3 4-8	2.90 1.08	(1-3) 7200	(1-3) 4.7	1	A	\$64.99
LL-68510-TH	1.25:1 1.66:1	1-3 1-3	4-8 5-7	1-3 4-8	2.90 1.20	(1-3) 4000	(1-3) 4.7	1	A	\$64.99
LL-68520-TH	1:1.41	1-3	4-6	1-3 4-6	0.82 1.95	(4-6) 3000	(4-6) 2.73	3	C	\$64.99
LL-68525-TH	1:1	1-3	4-6	1-3 4-6	2.05 2.14	(1-3) 3000	(1-3) 2.73	2	C	\$64.99
LL-68530-TH	1:1.41	1-3	4-6	1-3 4-6	0.80 2.05	(4-6) 3000	(4-6) 2.73	2	C	\$64.99
LL-68535-TH	1:1.66	1-3	4-6	1-3 4-6	0.72 2.05	(4-6) 3000	(4-6) 2.73	2	C	\$64.99
LL-68540-TH	1:2	1-3	4-6	1-3 4-6	0.52 2.05	(4-6) 3,000	(4-6) 4.5	2	C	\$64.99
LL-68545-TH	2.12:1 1.5:1	4-8 5-7	1-3 1-3	1-3 4-8	0.82 2.12	(4-8) 4000	(4-8) 8.0	1	A	\$64.99
LL-68550-TH	1:2.5 1:1.79	1-3 1-3	4-8 5-7	1-3 4-8	0.87 2.52	(4-8) 4000	(4-8) 7.1	1	A	\$64.99
LL-68555-TH	1:1.5	1-3	4-6	1-3 4-6	0.75 2.05	(4-6) 3000	(4-6) 5.2	2	C	\$64.99
LL-68560-TH	1:1.79	1-3	4-6	1-3 4-6	0.71 2.05	(4-6) 3000	(4-6) 5.2	2	C	\$64.99
LL-68565-TH	1:2.5	1-3	4-6	1-3 4-6	0.50 2.10	(4-6) 3000	(4-6) 5.2	2	C	\$64.99
LL-68570-TH	1:1 1:0.707	1-3 1-3	4-8 5-7	1-3 4-8	2.07 1.32	(4-8) 3000	(4-8) 4.2	1	B	\$64.99

LL-68575-TH	1:2.5 1:1.79	1-3 1-3	4-8 5-7	1-3 4-8	0.72 2.75	(4-8) 3000	(4-8) 4.2	1	B	\$64.99
LL-68580-TH	2.12:1 1.5:1	4-8 5-7	1-3 1-3	1-3 4-8	0.81 2.82	(4-8) 3000	(4-8) 10.2	1	B	\$64.99
LL-68585-TH	1.41:1 2:1	1-3 1-3	4-8 5-7	1-3 4-8	2.07 0.98	(1-3) 3000	(1-3) 4.5	1	B	\$64.99

For immediate engineering assistance or to place an order:

Call Toll Free: 800-431-1064

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