



ROMOLAND, INC.

# 4256-1003 SERIES

## TRANSFORMER, INTERFACE DUAL DATABUS

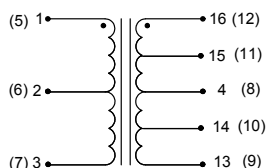
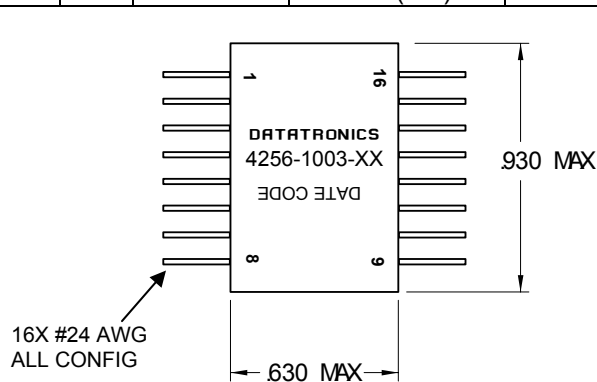
LOW PROFILE



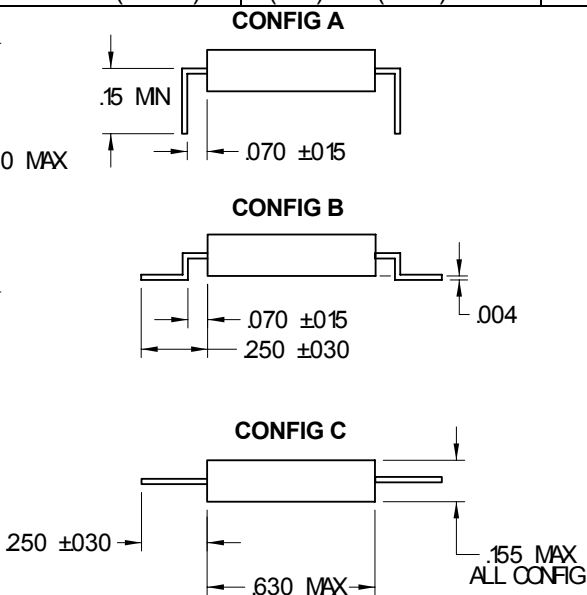
### Features

- Low Profile – Height is 3.94max (.155")
- Mil-STD 1553 Compatible
- Optimal Performance @ 75 KHz TO 1 MHz
- Compliance to MIL-STD 981, Class S, available
- Maximum Droop 20%
- Common Mode Rejection: 45dB minimum

4256-1003-XX Configuration			Turns Ratio ±3%	PRI	SEC	RDC ohms (max)			Impedance ohms (min)
A	B	C				(1-3)	(5-7)	(16-13)	
-01	-31	-61	1.4:1 2:1	1-3 (5-7) 1-3 (5-7)	16-13 (12-9) 15-14 (11-10)	(1-3) (5-7) (16-13) (12-9)	3.5 3.0	(1-3) (5-7) 7,200	
-02	-32	-62	1:1 1:0.707	1-3 (5-7) 1-3 (5-7)	16-13 (12-9) 15-14 (11-10)	(1-3) (5-7) (16-13) (12-9)	3.0 3.0	(1-3) (5-7) 4,000	
-03	-33	-63	1.25:1 1.66:1	1-3 (5-7) 1-3 (5-7)	16-13 (12-9) 15-14 (11-10)	(1-3) (5-7) (16-13) (12-9)	3.2 3.0	(1-3) (5-7) 4,000	
-04	-34	-64	1:2.12 1:1.5	1-3 (5-7) 1-3 (5-7)	16-13 (12-9) 15-14 (11-10)	(1-3) (5-7) (16-13) (12-9)	1.0 3.0	(16-13) (12-9) 4,000	
-05	-35	-65	1:2.5 1:1.79	1-3 (5-7) 1-3 (5-7)	16-13 (12-9) 15-14 (11-10)	(1-3) (5-7) (4-8) (12-9)	3.5 4.0	(16-13) (12-9) 4,000	



**SCHEMATIC**



**Notes:**

1. Dimensions are in inches.
2. Sinusoidal or trapezoidal waveforms are accurately processed in accordance with MIL-STD-1553 A/B and MAC AIR Specification A3818,A5232,A5690.
3. Drawing is not to scale.