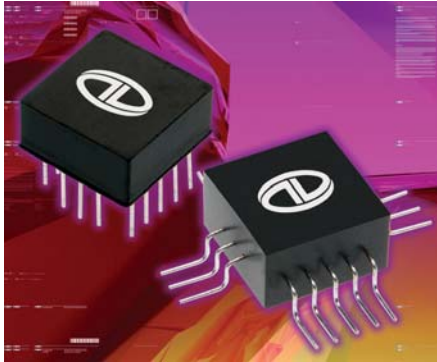




ROMOLAND, INC.

4260-1646 TWIN-STACKED SERIES

MIL-STD-1553 DATA BUS DUAL INTERFACE TRANSFORMER



Features

- Built and Tested to MIL-T-21038/28 Level C, M & T
- Datatronics P/N on Level C, M & T Parts (see notes)
- MIL-STD-1553 A/B and MAC Air Specifications A3818, A5690, A5232 and A4905
- Compliance to MIL-STD 981, Class S Available
- Compliance to Panavia 6465 Available
- Operating Temperature: -55°C to +130°C
- Dual Ratio, Dual Interface Transformers

Datatronics P/N	DSCC P/N (Reference)	Turns Ratio (±3%)	Primary	Secondary	DC Resistance		Impedance Ohms (min)	Config
					Ohms (Max)			
4260 – 1646 -22	M21038/28-01	1.4:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	1-3 (11-13) 7200	A
		2:1	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -21	M21038/28-02	1:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.0	1-3 (11-13) 4000	A
		1:0.707	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -40	M21038/28-04	1:2.12	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	1.0	4-8 (14-18) 4000	A
		1:1.5	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.5		
4260 – 1646 -57	M21038/28-05	1:2.5	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	4-8 (14-18) 4000	A
		1:1.79	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	4.0		
4260 – 1646 -43	M21038/28-06	1.25:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.2	1-3 (11-13) 4000	B
		1.66:1	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -42	M21038/28-07	1.4:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	1-3 (11-13) 7200	B
		2:1	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -41	M21038/28-08	1:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.0	1-3 (11-13) 4000	B
		1:0.707	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -45	M21038/28-09	1:2.12	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	1.0	4-8 (14-18) 4000	B
		1:1.5	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.5		
4260 – 1646 -58	M21038/28-10	1:2.5	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	4-8 (14-18) 3000	B
		1:1.79	1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	4.0		

Notes:

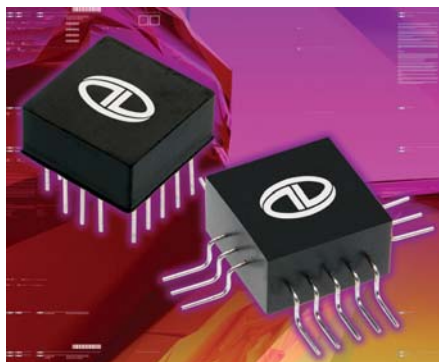
1. MIL-T-21038/28 Level C: Datatronics P/N 4259-1646 Series
2. MIL-T-21038/28 Level M: Datatronics P/N 4260-1646 Series
3. MIL-T-21038/28 Level T: Datatronics P/N 4261-1646 Series
4. Maximum Droop: 20%
5. CMR: 45dB Minimum



ROMOLAND, INC.

4260-1646 TWIN-STACKED SERIES

MIL-STD-1553 DATA BUS DUAL INTERFACE TRANSFORMER



Features

- Built and Tested to MIL-T-21038/28 Level C, M & T
- Datatronics P/N on Level C, M & T Parts (see notes)
- MIL-STD-1553 A/B and MAC Air Specifications A3818, A5690, A5232 and A4905
- Compliance to MIL-STD 981, Class S Available
- Compliance to Panavia 6465 Available
- Operating Temperature: -55°C to +130°C
- Dual Ratio, Dual Interface Transformer

Datatronics P/N	DSCC P/N (Reference)	Turns Ratio (±3%)	Primary	Secondary	DC Resistance Ohms (Max)		Impedance Ohms (min)	Config
					1-3 (11-13)	4-8 (14-18)		
4260 – 1646 -47	M21038/28-11	1.4:1 2:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	1-3 (11-13) 7200	C
			1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -46	M21038/28-12	1:1 1:0.707	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.0	1-3 (11-13) 4000	C
			1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -48	M21038/28-13	1.25:1 1.66:1	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.2	1-3 (11-13) 4000	C
			1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.0		
4260 – 1646 -50	M21038/28-14	1:2.12 1:1.5	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	1.0	4-8 (14-18) 4000	C
			1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	3.5		
4260 – 1646 -60	M21038/28-15	1:2.5 1:1.79	1-3 (11-13)	4-8 (14-18)	1-3 (11-13)	3.5	4-8 (14-18) 3000	C
			1-3 (11-13)	5-7 (15-17)	4-8 (14-18)	4.0		

Notes:

1. MIL-T-21038/28 Level C: Datatronics P/N 4259-1646 Series
2. MIL-T-21038/28 Level M: Datatronics P/N 4260-1646 Series
3. MIL-T-21038/28 Level T: Datatronics P/N 4261-1646 Series
4. Maximum Droop: 20%
5. CMR: 45dB Minimum

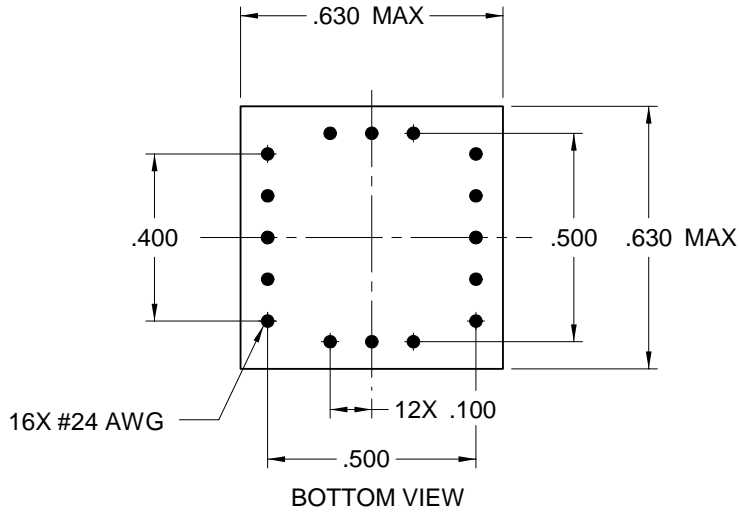
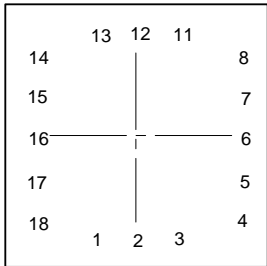


ROMOLAND, INC.

4260-1646 TWIN-STACKED SERIES

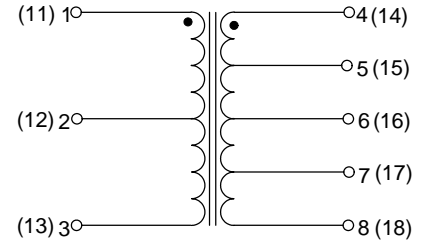
MIL-STD-1553 DATA BUS DUAL INTERFACE TRANSFORMER

CONFIGURATION A

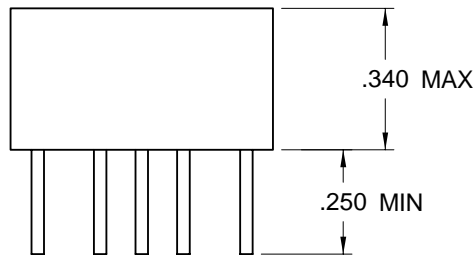


NOTES:

1. Dimensions are in inches.
2. Tolerances .XXX ±.010
3. Drawing is not to scale



CIRCUIT DIAGRAM FOR 4260-1646-21
-22, -40 AND -57



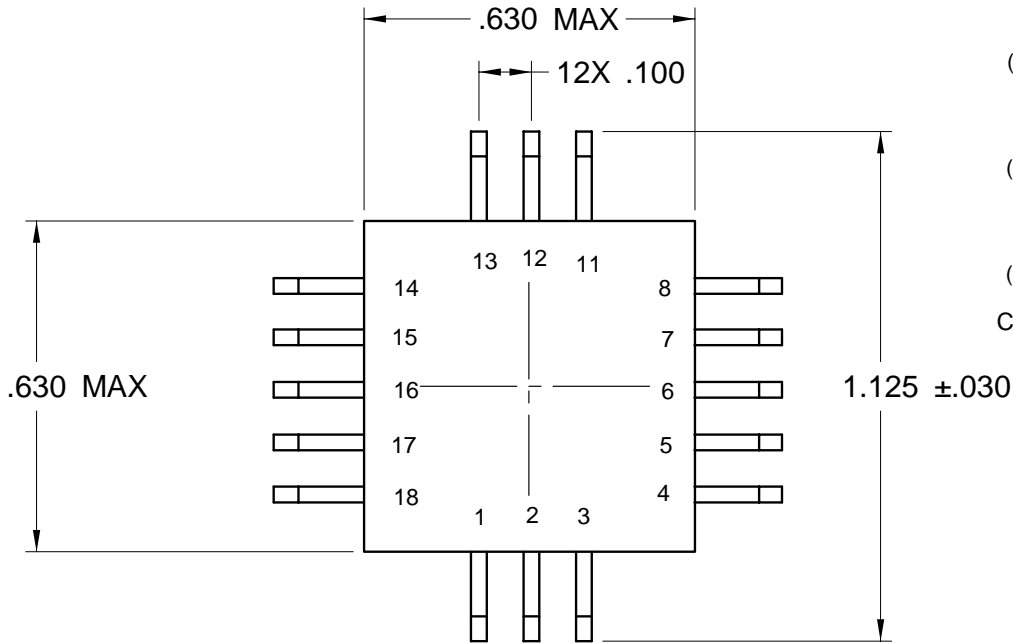


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4260-1646 TWIN-STACKED SERIES

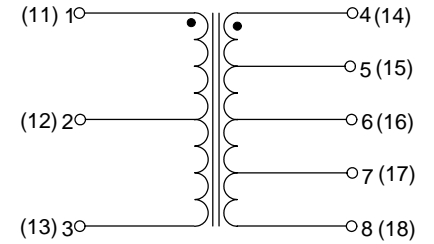
MIL-STD-1553 DATA BUS DUAL INTERFACE TRANSFORMER

CONFIGURATION B

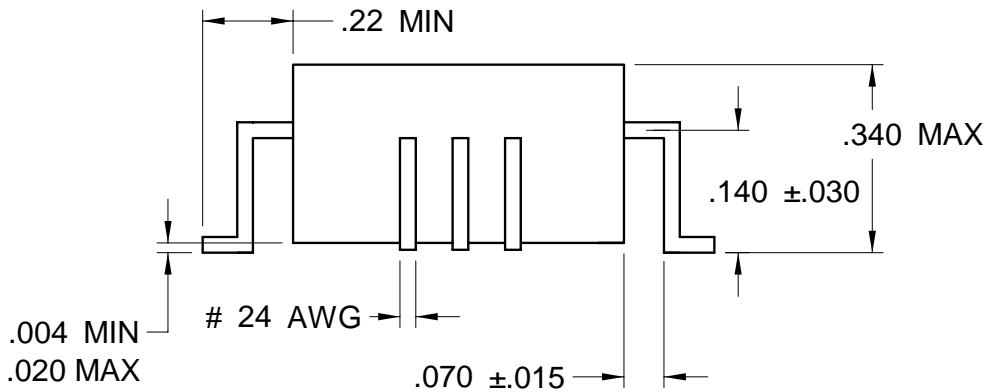


NOTES:

1. Dimensions are in inches.
2. Tolerances .XXX $\pm .010$
3. Drawing is not to scale



CIRCUIT DIAGRAM FOR 4260-1646-41
-42, -43, -45 AND -58



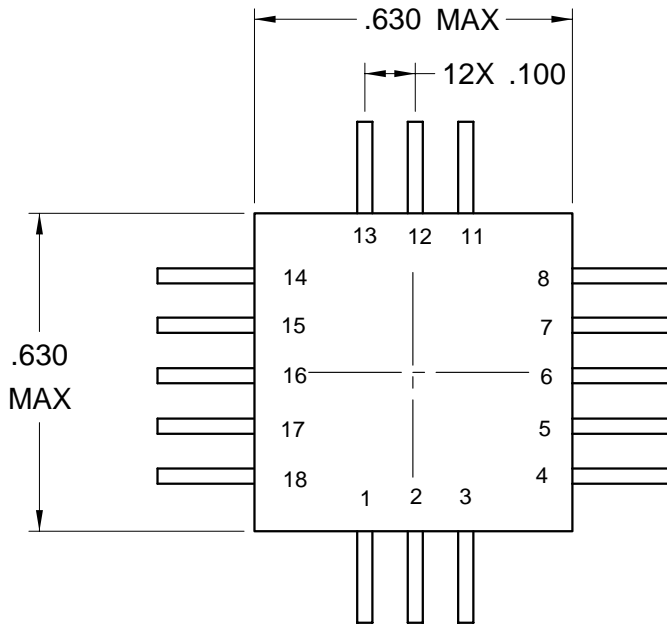


ROMOLAND, INC.

4260-1646 TWIN-STACKED SERIES

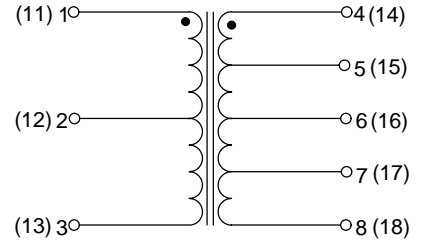
MIL-STD-1553 DATA BUS DUAL INTERFACE TRANSFORMER

CONFIGURATION C



NOTES:

4. Dimensions are in inches.
5. Tolerances $.XXX \pm .010$
6. Drawing is not to scale



CIRCUIT DIAGRAM FOR 4260-1646-46
-47, -48, -50 AND -60

