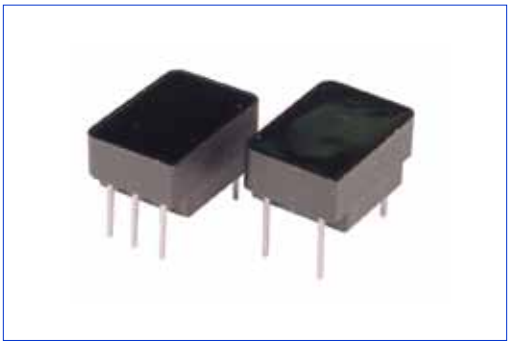
DATA BUS INTERFACE
PULSE TRANSFORMER



- Meets MIL-STD-1553 applications
- Single ratio (see schematic), thru-hole package
- Level M - for general purpose military applications
- Also available in Level C and T (see website)
- Package A is 4-lead; package B is 6-lead (center tap)
- Applicable specifications:

  MIL-STD-1553B
  MIL-STD-202
  ISO 9001:2000

Summary Performance Specifications	
Impedance	(see talbel below)
Droop	20%
Overshoot	±1V Max
Common Mode Reject (CME)	45dB
Frequency Range (no load)	75kHz to 1 MHz
Operating Temperature Range	-55°C to 130 °C
Weight	5grams
Insulation Resistance	10K MΩ@250Vdc
Dielectirc Withstanding Voltage	100Vrms

ELECTRICAL SPECIFICATION @ 25°C

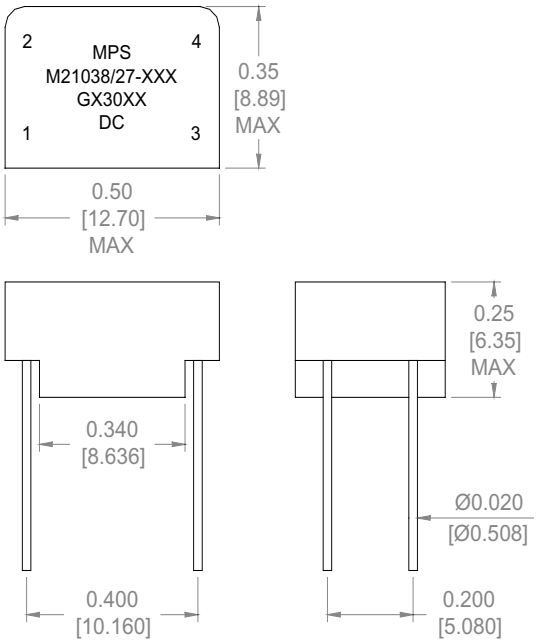
MPS PART NUMBER	MILITARY DESIGNATION NUMBER	TURNS RATIOS ±3% Pri: Sec	INSERTION LOSS Ω Max	INPEDANCE ΩMin	DIMENSION
GM3005	M21038/27-05	1CT : 1.41CT	1-2 2.2 4-3 2.7	4-3 3K	A
GM3006	M21038/27-06	1CT : 1CT	1-5 2.5 6-2 2.8	6-2 3k	B
GM3007	M21038/27-07	1CT : 1.41CT	1-5 2.2 6-2 2.7	6-2 3k	B
GM3008	M21038/27-08	1CT : 1.661CT	1-5 1.5 6-2 2.4	6-2 3k	B
GM3009	M21038/27-09	1CT : 2CT	1-5 1.3 6-2 2.6	6-2 3k	B
GM3028	M21038/27-28	1CT : 1.5CT	1-3 0.9 6-2 2.5	6-2 3k	B
GM3029	M21038/27-29	1CT : 1.79CT	1-5 0.9 6-2 2.5	6-2 3k	B
GM3030	M21038/27-30	1CT : 2.5CT	1-5 1.0 6-2 2.8	6-2 3k	B

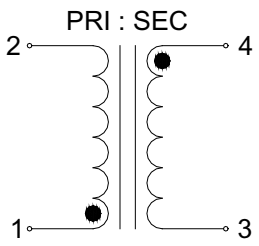
Product performance is limited to specified parameter. Data is subject to change without prior notice.

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Fax: (310) 325-1044
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sales@mpsind.com

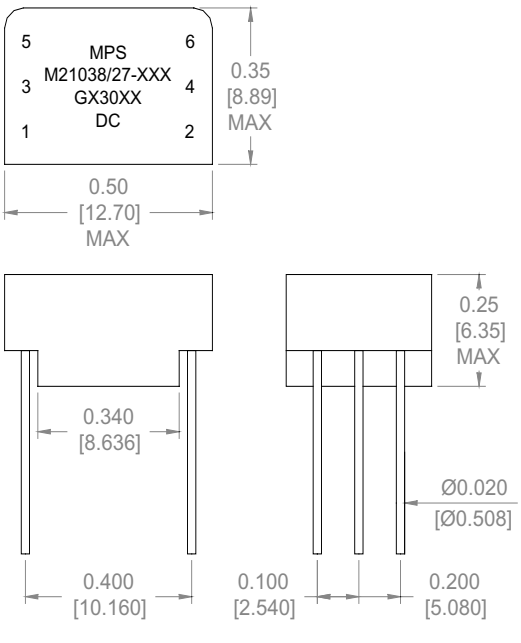
DATA BUS INTERFACE
PULSE TRANSFORMER

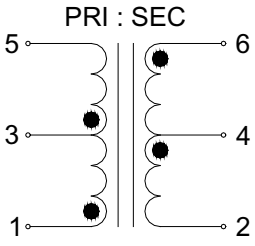
DIMENSION A





DIMENSION B





Dimensions
Unless otherwise specified, all tolerances are:
inch: .XX : ± 0.010 .XXX : ±0.003
mm: X,X : ± 0,254 X,XX : ±0,076

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