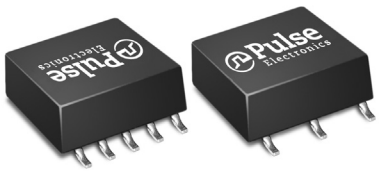
SMT SINGLE TRANSFORMER

FOR MIL-STD-1553 APPLICATIONS



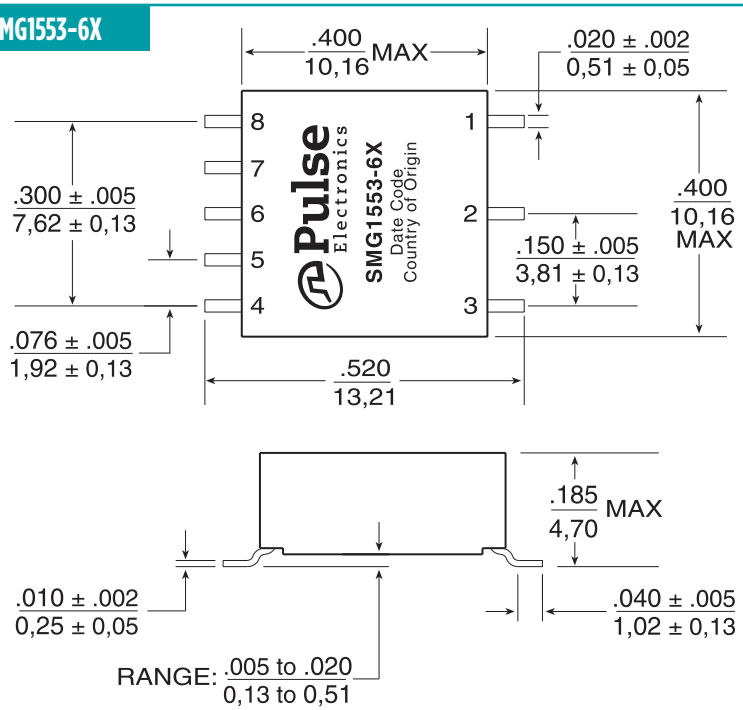
- *Single transformer package*
- ***Low Profile:*** *0.185" height*
- ***Operating Temperature:*** *-55°C to +130°C*
- ***Weight:*** *≤3.0 grams*
- ***Max Reflow Temperature:*** *235°C*
- ***MSL:*** *3*

Electrical Specifications — Operating Temperature - 55°C to +130°C

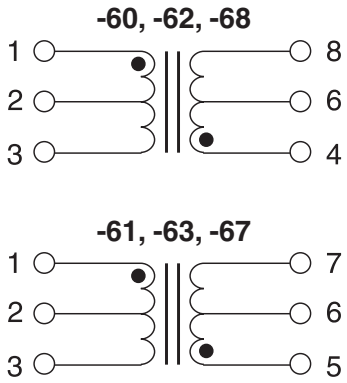
Part Number	Terminals	Ratio (±3%)	DC Resistance (Ω MAX)	Impedance (Ω MIN)	Droop (MAX)	Overshoot (MAX)	CMR (dB MIN)	Frequency Range (No Load)	IR @ 250Vdc (MΩ MIN)	DWV (Vrms)
SMG1553-60	1-3:4-8	1.25CT:1CT	(1-3) 2.4, (4-8) 2.2	(1-3) 4,000	20%	±1V	45	75kHz-1MHz	10k	100
SMG1553-61	1-3:5-7	1.66CT:1CT	(1-3) 2.4, (4-8) 1.5	(1-3) 4,000	20%	±1V	45	75kHz-1MHz	10k	100
SMG1553-65	1-3:4-8	1CT:2.5CT	(1-3) 1.0, (4-8) 2.6	(4-8) 4,000	20%	±1V	45	75kHz-1MHz	10k	100
SMG1553-66	1-3:5-7	1CT:1.79CT	(1-3) 1.3, (5-7) 2.6	(5-7) 4,000	20%	±1V	45	75kHz-1MHz	10k	100
SMG1553-67	1-3:5-7	1CT:2.70CT	(1-3) .50, (5-7) 2.50	(5-7) 4,000	20%	±1V	45	75kHz-1MHz	10k	100
SMG1553-68	1-3:4-8	1CT:3.75CT	(1-3) .40, (4-8) 2.50	(4-8) 4,000	20%	±1V	45	75kHz-1MHz	10k	100

Mechanical

SMG1553-6X



Schematic



Weight..... 3.0 grams
Tube.....50/tube
Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

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