

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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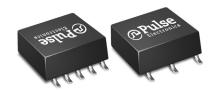




SMT SINGLE TRANSFORMER

FOR MIL-STD-1553 APPLICATIONS





Single transformer package

• Low Profile: 0.185" height

Operating Temperature: -55°C to +130°C

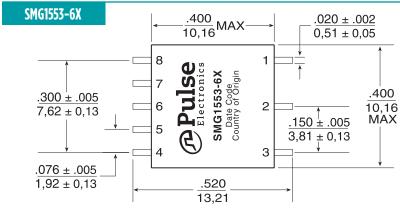
Weight: ≤3.0 grams

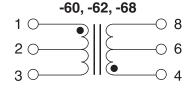
Max Reflow Temperature: 235°C

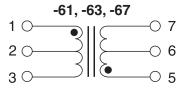
■ MSL: 3

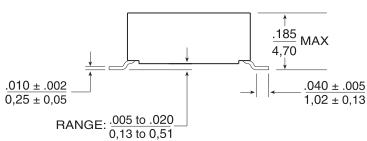
Electrical Specifications — Operating Temperature - 55°C to +130°C										
Part Number	Terminals	Ratio (±3%)	DC Resistance $(\Omega \text{ MAX})$	$\begin{array}{c} \text{Impedance} \\ (\Omega \text{MIN}) \end{array}$	Droop (MAX)	Overshoot (MAX)	CMR (dB MIN)	Frequency Range (No Load)	IR @ 250Vdc $(M\Omega MIN)$	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

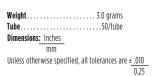
Mechanical Schematic











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