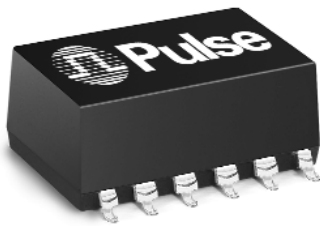


CABLE MODEM LOW PASS TRANSMIT FILTERS



-  For use in HFC and cable modems
-  Domestic and international versions
-  Less than 1 dB inband insertion loss
-  Small group delay variation
-  Small surface mount package

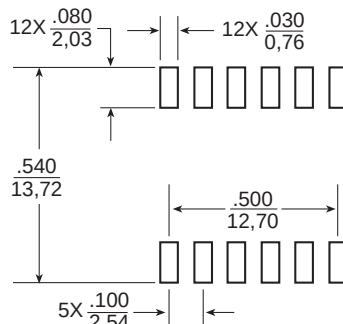
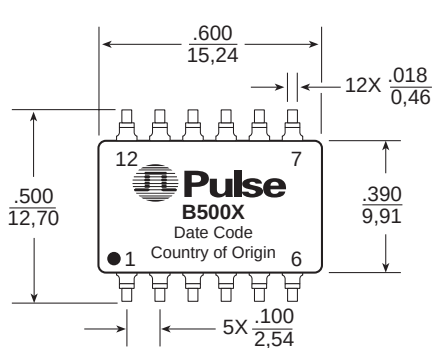
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	In/Out Impedance	Passband	Insertion Loss (MAX)	Return Loss (MIN)	GDV (MAX)	Stopband	Attenuation (MIN)
B5004	75 Ω	5-42 MHz	1 dB	-18 dB	24 ns	at 54 MHz 78 to 860 MHz	10 dB 50 dB
B5005	75 Ω	5-65 MHz	1 dB	-17.5 dB	15 ns	at 84 MHz 120 to 860 MHz	10 dB 55 dB

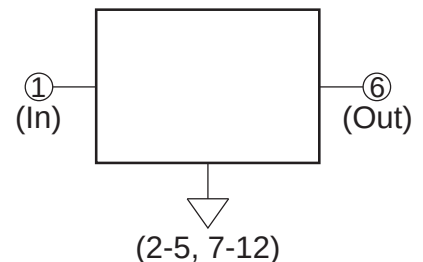
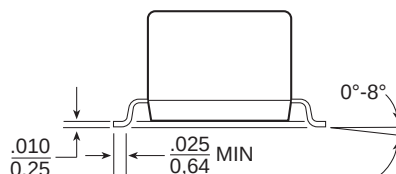
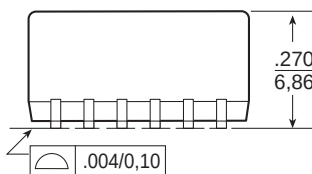
Mechanical

Schematic

B5004/5005



SUGGESTED PAD LAYOUT



Weight 1.0 grams
Tube35/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.005}{.13}$

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