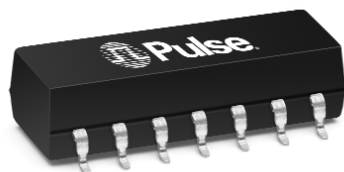


CABLE MODEM LOW PASS DIFFERENTIAL FILTERS



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

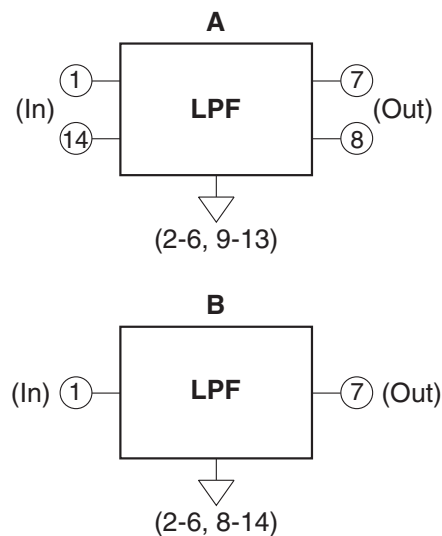
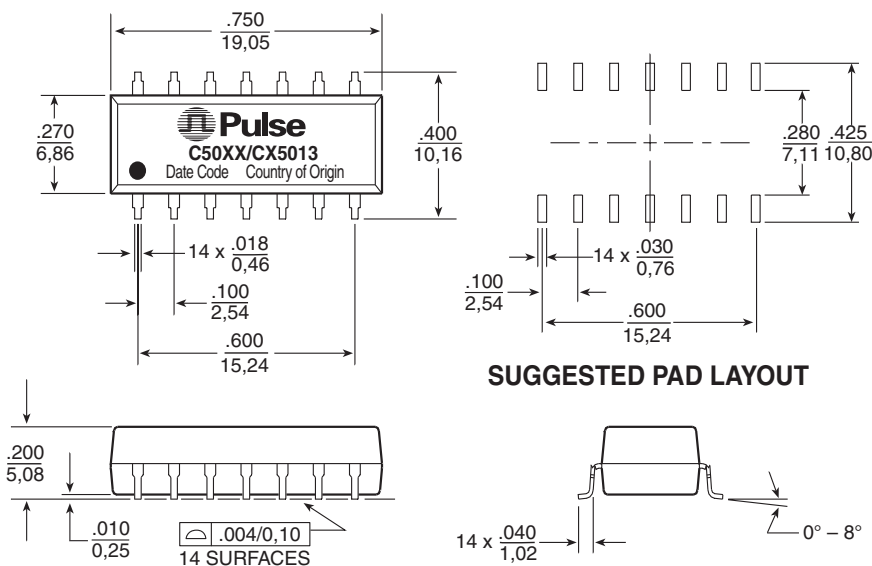
Electrical Specifications @ 25°C

Part Number	In/Out Impedance	Cut-Off Passband Frequency	Insertion Loss (dB MAX)	Return Loss (dB MIN)	GDV (MAX)	Stopband (dB MIN)			Schematics
C5001	150 Ω	50.0 MHz TYP	1.0 @ 1-40 MHz	15 @ 1-40 MHz	30 ns @ 40 MHz	15 @ 75 MHz	28 @ 100-300 MHz		A
C5003	150 Ω	80.0 MHz TYP	1.0 @ 1-65 MHz	15 @ 1-65 MHz	25 ns @ 65 MHz	15 @ 100 MHz	38 @ 165 MHz		A
C5005	75 Ω	59.5 MHz TYP	1.0 @ 1-50 MHz	15 @ 1-50 MHz	—	10 @ 70 MHz	35 @ 100 MHz	40 @ 150-500 MHz	B
CX5013	75 Ω	68.0 MHz TYP	1.5 @ 1-60 MHz	15 @ 1-60 MHz	35 ns @ 60 MHz	15 @ 75 MHz	30 @ 100-500 MHz		B

Mechanical

Schematic

C500X/CX5013



Weight 1.35 grams
Tape & Reel600/reel
Tube25/tube
Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are $\pm .010$
0.25

For More Information :

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