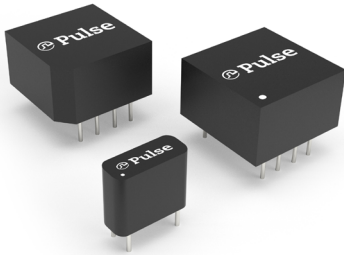


# Through Hole Common Mode Chokes

Suited for LAN and Telecom WAN Applications



- Ⓢ Pulse Pour-Filled THD package
- Ⓢ Reduces radiated EMI emissions
- Ⓢ Filters common mode noise for EMI reduction
- Ⓢ Common mode attenuation from 100 KHz to 1 GHz
- Ⓢ Extended Operating Temperature -40 to +85°C
- Ⓢ Tube packed - Wave solder temperature <260°C

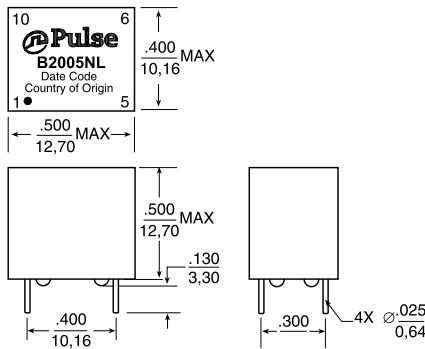
## Electrical Specifications @ 25°C

Part Number	No. of Lines	Primary Inductance OCL (μH MIN)	Common Mode Attenuation (dB TYP)									DCR (Ω MAX)	Primary Application
			100 KHz	1 MHz	10 MHz	30 MHz	50 MHz	100 MHz	300 MHz	500 MHz	1 GHz		
B2005NL	2	9000	47	47	41	30	22	33	21	15	15	1.0	DSL
PE-67531NL	2	140	14	34	45	49	50	47	38	32	25	0.60	LAN
PE-65554NL	4	24	—	21	32	38	39	34	24	13	—	0.30	LAN
PE-65950NL	4	4700±30%	40	51	37	28	23	20	—	—	—	1.00	WAN

## MECHANICALS

## SCHEMATICS

### B2005NL

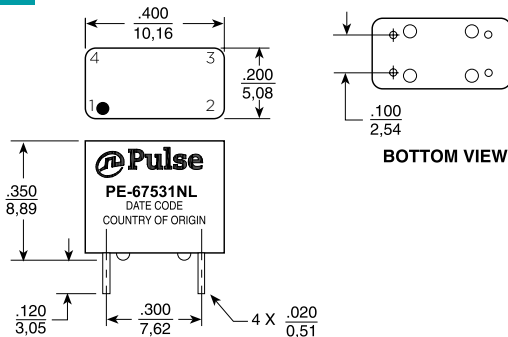


Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.005}{0,13}$

Weight ..... .3.4 grams  
 Tube ..... .40/tube



### PE-67531NL



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

Weight ..... .0.82 grams  
 Tube ..... .50/tube



