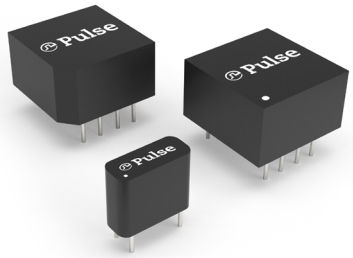
Through Hole Common Mode Chokes

Suited for LAN and Telecom WAN Applications

Pulse
a YAGEO company



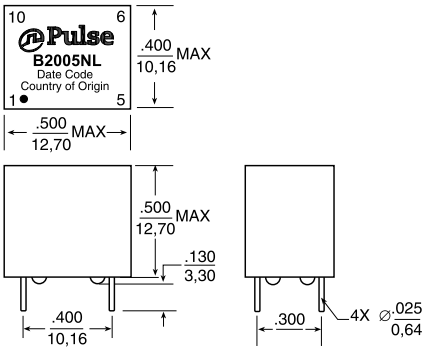
- *Pulse Pour-Filled THD package*
- *Reduces radiated EMI emissions*
- *Filters common mode noise for EMI reduction*
- *Common mode attenuation from 100 KHz to 1 GHz*
- *Extended Operationg Temperature -40 to +85°C*
- *Tube packed - Wave solder temperature <260°C*

Electrical Specifications @ 25°C

Part Number	No. of Lines	Primary Inductance OCL (µH MIN)	Common Mode Attenuation (dB TYP)									DCR (Ω MAX)	Primary Appication
			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

B2005NL



Dimensions: Inches / mm

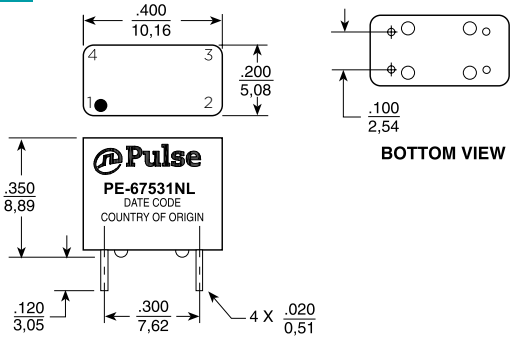
Unless otherwise specified, all tolerances are ± .005 / 0,13

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

SCHEMATICS



PE-67531NL



Dimensions: Inches / mm

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

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



Downloaded from Arrow.com.

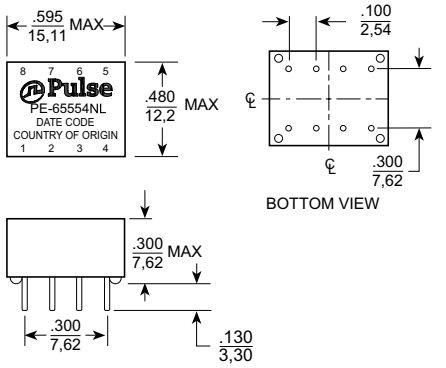
Through Hole Common Mode Chokes

Suited for LAN and Telecom WAN Applications

MECHANICALS

SCHEMATICS

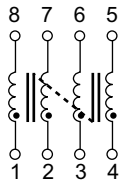
PE-65554NL



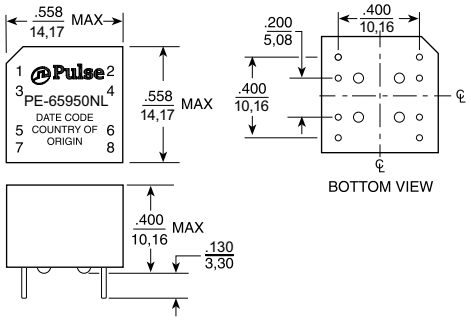
Dimensions: Inches / mm

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

Weight . . . . . .2.1 grams
Tube 35/tube



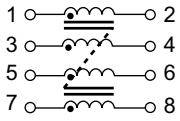
PE-65950NL



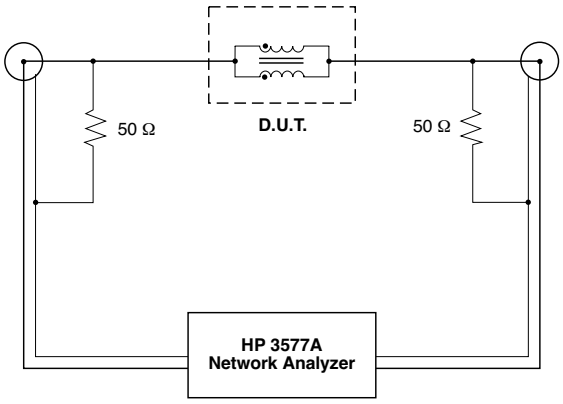
Dimensions: Inches / mm

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

Weight . . . . . .3.5 grams
Tube 35/tube



COMMON MODE TEST CIRCUIT FOR SURFACE MOUNT AND THROUGH HOLE



Test Notes:

1. Network analyzer calibrated to compensate for 50 Ω resistors.
2. All windings on a core are connected in parallel for the test.
3. For multi-core chokes, test data is for one core only. The windings on the other core(s) are left unconnected (i.e. open).

For More Information:

Americas - prodinfonetworkamericas@yageo.com | **Europe -** prodinfonetworkemea@yageo.com | **Asia -** prodinfonetworkapac@yageo.com

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2022. Pulse Electronics, Inc. All rights reserved.

Downloaded from Arrow.com.