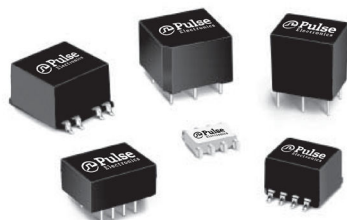
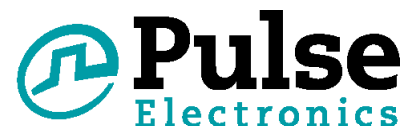


ISDN S-Interface Transformers

Common Mode Chokes for Telecom Applications

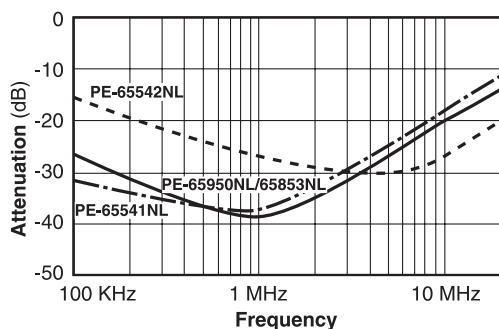


- Designed for 4-wire links, ISDN-S/T and T1/E1/CEPT
- High frequency chokes for EMI reduction
- Low frequency chokes improve longitudinal balance in ISDN-S/T links
- Surface mount and through hole models available

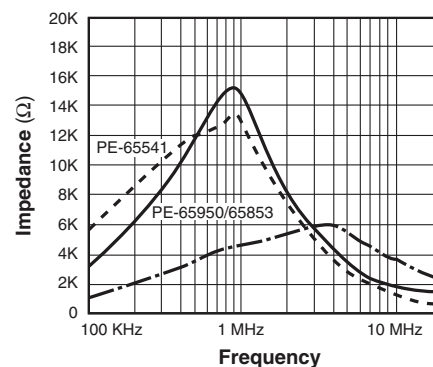
Electrical Specifications @ 25°C - Operating Temperature 0°C to +70°C

Part Number	OCL Pri (mH MIN)	L _L Sec (μH MAX)	Cw/w (pF MAX)	DCR (W MAX)	Isolation (V _{RMS} MIN)	Package / Schematic
Low Frequency						
PE-65853NL ^E	4.7 mH ±30%	1	60	1.20	500	PA-2/5C (Surface Mount)
PE-65950NL ^E	4.7 mH ±30%	1	50	1.00	500	IS-4/1C (Through Hole)
High Frequency						
PE-65554NL	24.0 μH MIN	.20	15	0.30	500	IN-1/C (Through Hole)
PE-65854NL ^F	47.0 μH MIN	.18	20	0.40	50	SH-4/C (Surface Mount)
PE-65857NL	22.5 μH MIN	.23	17	0.30	500	LA-1/C (Surface Mount)

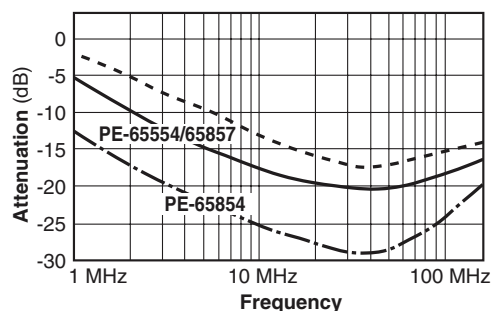
Typical common mode attenuation for low frequency common mode chokes based on a 100 Ω system.



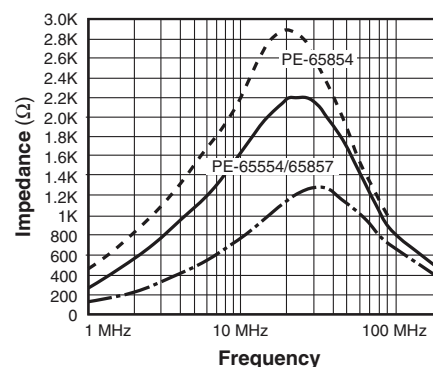
Typical impedance for low frequency common mode chokes based on a 100 Ω system.



Typical common mode attenuation for high frequency common mode chokes based on a 100 Ω system.



Typical impedance for high frequency common mode chokes based on a 100 Ω system.

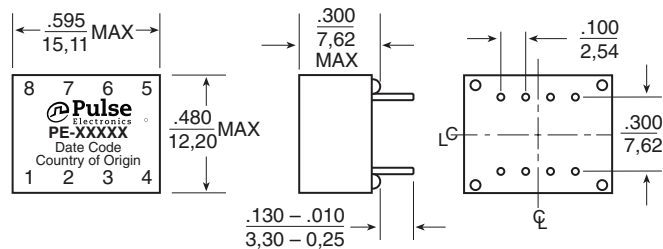


ISDN S-Interface Transformers

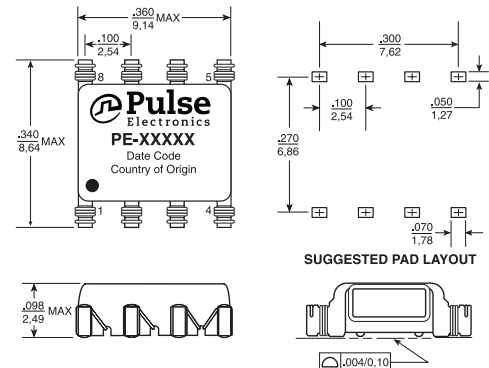
Common Mode Chokes for Telecom Applications

Mechanicals

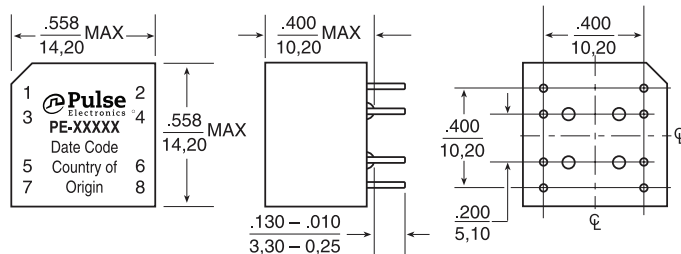
IN-1



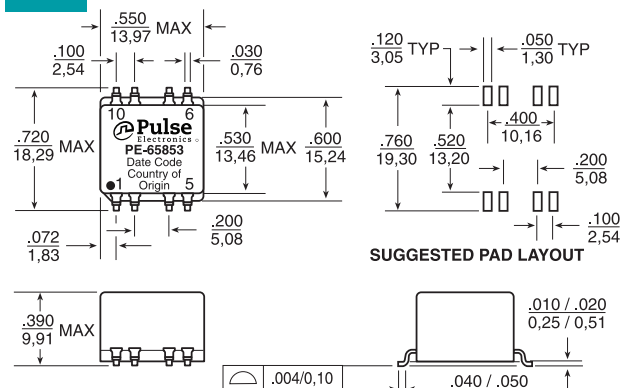
SH-4



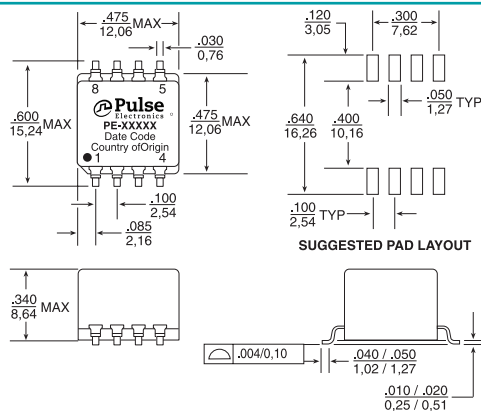
IN-4



PA-2

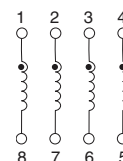


IN-1

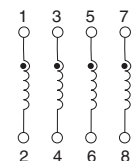


Schematics

C



1C



1. Dimensions: Inches Unless otherwise specified, all tolerances are $\pm .010$
mm 0,25

2. See page 3 for packaging information.

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