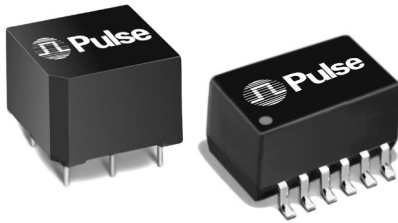


64 KBPS INTERFACE TRANSFORMERS

Designed for G.703 Codirectional Interface

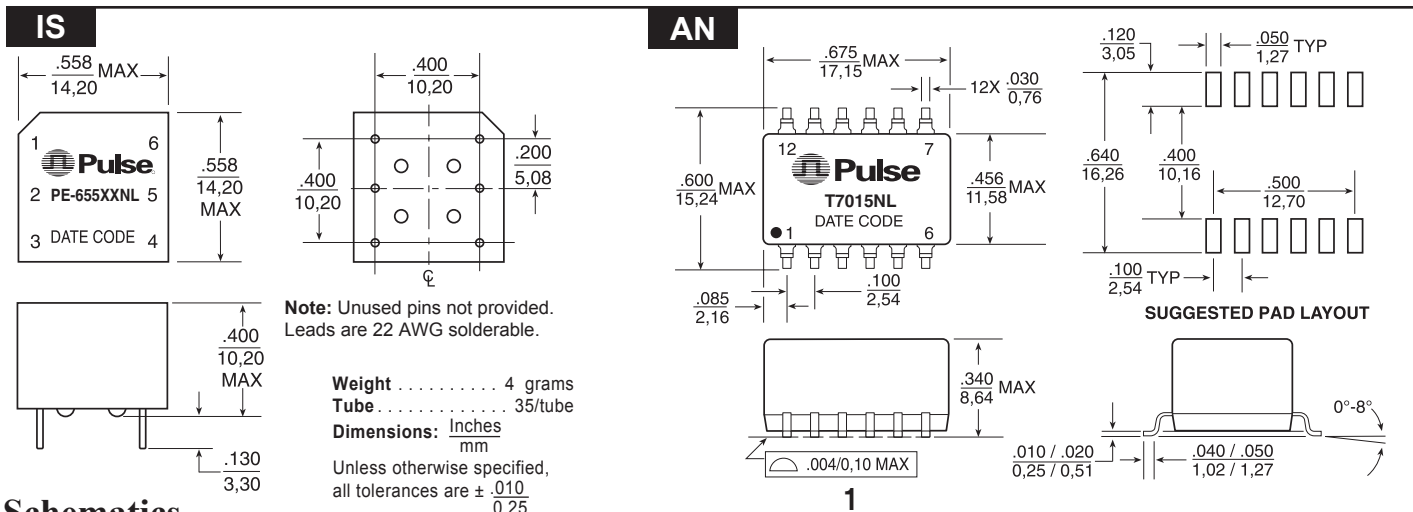


- Single and dual transformer modules for ITU G.703 codirectional applications
- Transformers matched to the integrated circuit
- Provide 1500 Vrms minimum isolation

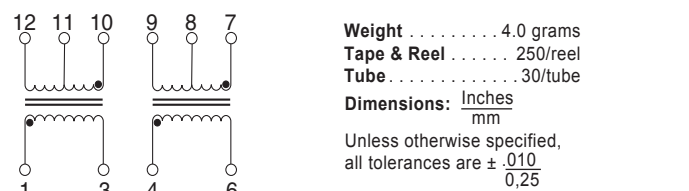
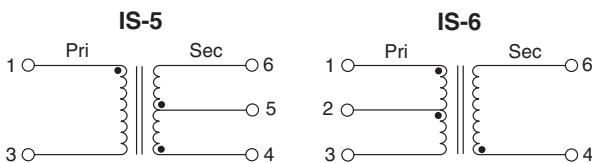
Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (±3%)	OCL (mH MIN)	LL (µH MAX)	Cw/w (pF MAX)	DCR pri (Ω MAX)	DCR sec (Ω MAX)	Package/Schematic	Matched To
PE-65535NL	1:2CT	20.0	5.0	130	2.65	5.0	IS/5	EXAR XR6164 XR-T6165, XR-T6166
PE-65540NL	1CT:1	10.0	5.0	100	2.60	2.6	IS/6	—
T7015NL	1:2CT & 1:2CT	20.0	5.0	130	2.80	5.6	AN/1	—

Mechanicals



Schematics



The CCITT recommendations G.703 describe the physical and electrical characteristics of digital interfaces at 64 Kbps. PE-65535NL listed above has been designed for the codirectional interface and matches the driver/receiver chips from EXAR

(XR6164, XR-T6165, and XR-T6166). The characteristics of these transformers allow the pulse to comply with the pulse masks in the 120 Ω system.

For More Information :

<p>Pulse Worldwide Headquarters 12220 World Trade Dr. San Diego, CA 92128 U.S.A. www.pulseeng.com Tel: 858 674 8100 Fax: 858 674 8262</p>	<p>Pulse Europe Einsteinstrasse 1 D-71083 Herrenberg Germany Tel: 49 7032 7806 0 Fax: 49 7032 7806 135</p>	<p>Pulse China Headquarters B402, Shenzhen Academy of Aerospace Technology Bldg. 10th Kejianan Rd. High-Tech Zone Nanshan District Shenzhen, PR China 518057 Tel: 86 755 33966678 Fax: 86 755 33966700</p>	<p>Pulse North China Room 2704/2705 Super Ocean Finance Ctr. 2067 Yan An Rd. West Shanghai 200336 China Tel: 86 21 62787060 Fax: 86 2162786973</p>	<p>Pulse South Asia 135 Joo Seng Rd. #03-02 PM Industrial Bldg. Singapore 368363 Tel: 65 6287 8998 Fax: 65 6287 8998</p>	<p>Pulse North Asia 3F, No. 198 Zhongyuan Rd. Zhongli City Taoyuan County 320 Taiwan R. O. C. Tel: 886 3 4356768 Fax: FRE 886 3 4356820 Pulse: 886 3 4356823</p>
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