


NOTES: UNLESS OTHERWISE SPECIFIED

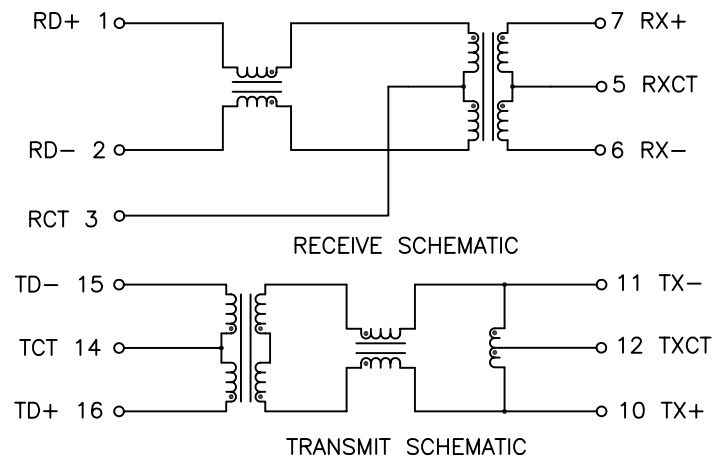
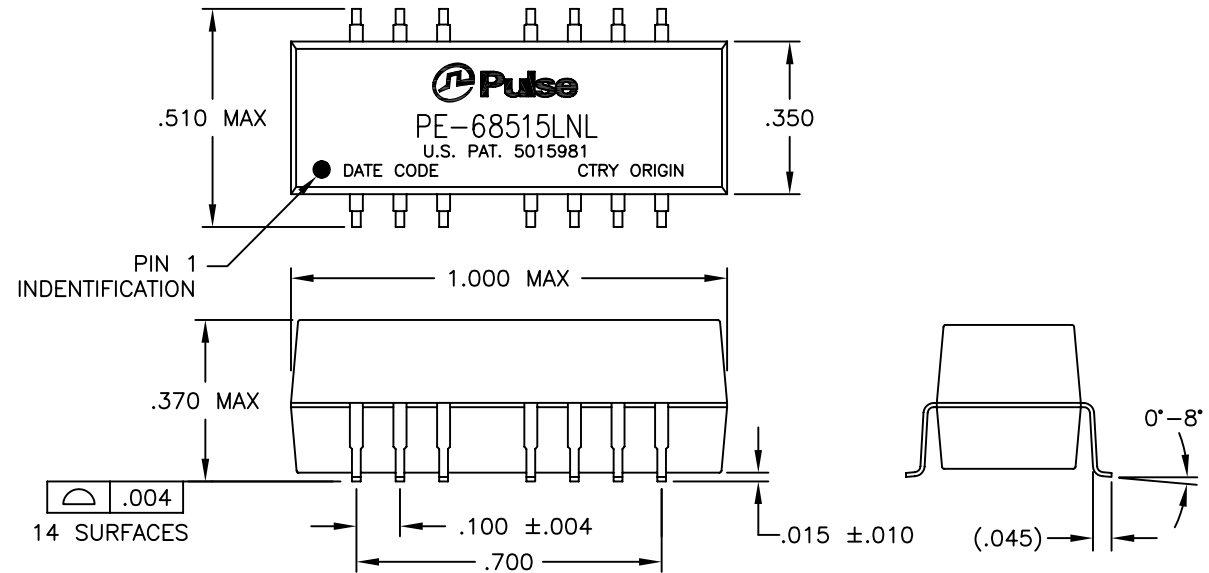
1.

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES, TOLERANCES:
.XX = ±.01 .XXX = ±.005

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED (FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS			
OPERATING TEMP	0°C - 70°C			
TURNS RATIO	1.00 ± 2%			
POLARITY	PER SCHEMATIC			
INSERTION LOSS	100 KHz	32-62 MHz	100 MHz	140 MHz
	-1.2 dB MAX	-1 dB MAX	-1.6 dB MAX	-3 dB MAX
RETURN LOSS (Z OUT = 100 OHM±15%)	1-30 MHz	40 MHz	50 MHz	60-80 MHz
	-16 dB MIN	-13.5 dB MIN	-11.5 dB MIN	-10 dB MIN
CROSSTALK, ADJACENT CHANNELS	32 MHz	62-100 MHz		
	-40 dB MIN	-38 dB MIN		
DIFFERENTIAL TO COMMON MODE REJECTION RATIO	32 MHz	62 MHz	100 MHz	200 MHz
	-42 dB MIN	-37 dB MIN	-33 dB MIN	-25 dB MIN
DC RESISTANCE 1/2 WINDING	.60 OHMS MAX			
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)			
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS			



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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SM,TU	-	1	PE-68515LNL	M11