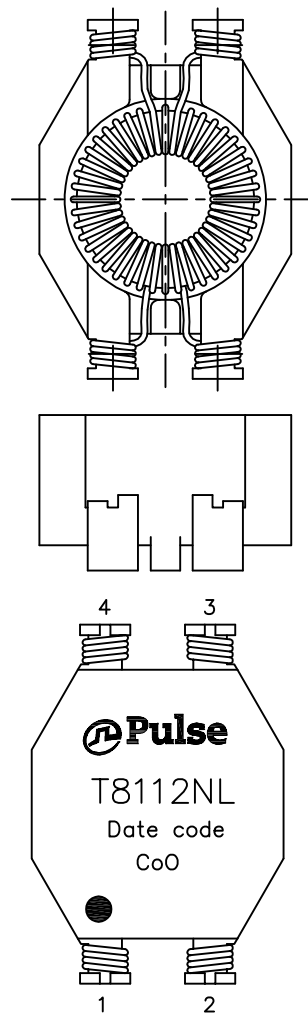


NOTES:

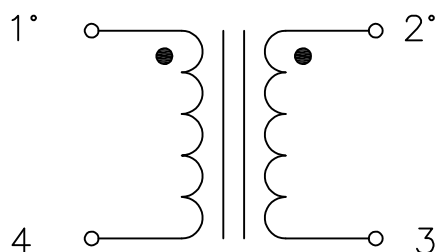
1. ROHS COMPLIANT
2. PLASTIC: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e T8112NL BECOMES T8112NLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CMI 2 x 1 mH – SHASTA	T8112NL-11	–	1 OF 3	T8112NL	A



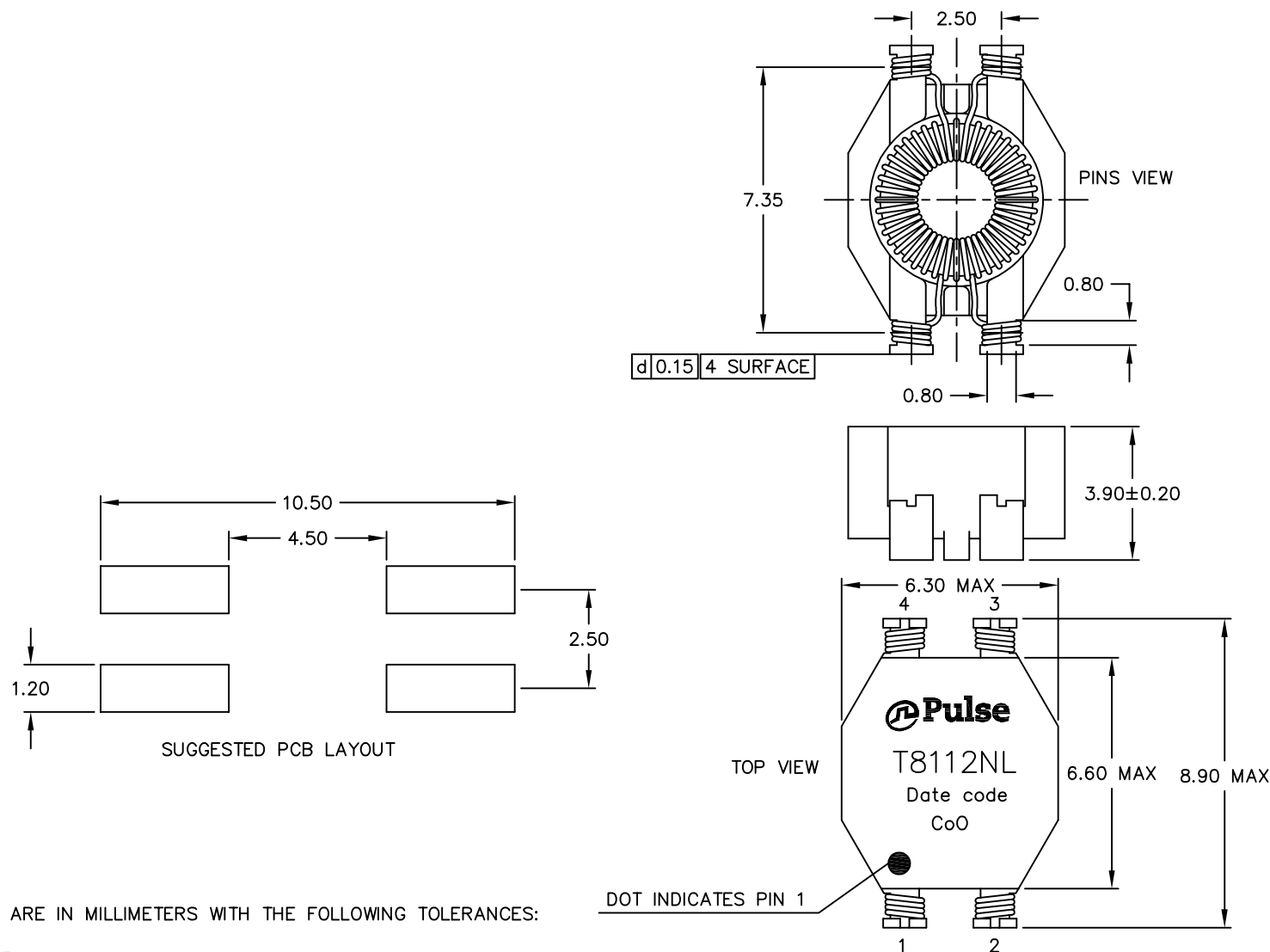
SCHEMATIC

ELECTRICAL CHARACTERISTICS MEASURED AT 25°C :
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATION				
OPERATING TEMPERATURE	0°C TO +70 °C				
TURNS RATIO @10KHz, 0.1VRMS	$\frac{(1-4)}{(2-3)} = 1.0 \pm 2\%$				
OPEN CIRCUIT INDUCTANCE (OCL) @100KHz, 0.1VRMS	$(1-4) = 1\text{mH} \begin{smallmatrix} +50\% \\ -30\% \end{smallmatrix}$				
LEAKAGE INDUCTANCE (LL): @100 KHz, 0.1 VRMS	$(1-4)$ WITH $(2-3)$ SHORTED = 0.2 μH NOMINAL = 0.4 μH MAXIMUM				
DCR	$(1-4) = (2-3) = 0.3 \text{ OHM MAXIMUM.}$				
HIPOT	500 VAC, 60 S				
COMMON MODE IMPEDANCE	0.1 MHz	1 MHz	6 MHz	10 MHz	100 MHz
	600 OHMS	2900 OHMS	5600 OHMS	5000 OHMS	900 OHMS

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CMI 2 x 1 mH – SHASTA	T8112NL-11	–	2 OF 3	T8112NL	A



DIMENSIONS ARE IN MILLIMETERS WITH THE FOLLOWING TOLERANCES:
 X.X= ± 0.5
 X.XX= ± 0.25

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CMI 2 x 1 mH – SHASTA	T8112NL-11	–	3 OF 3	T8112NL	A