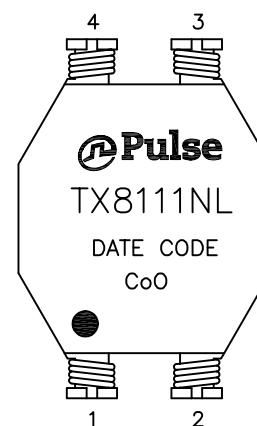
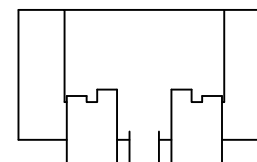
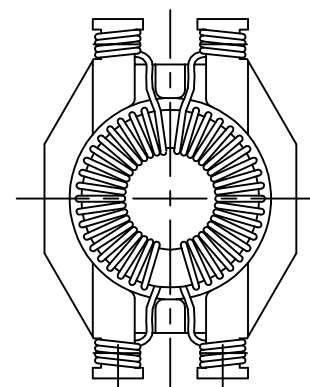


NOTES:

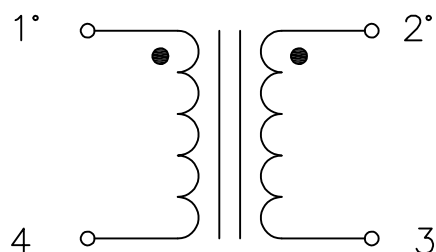
1. ROHS COMPLIANT
2. PLASTIC: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -50°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e TX8111NL BECOMES TX8111NLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CMI 2 x 51 uH - SHASTA	TX8111NL-11	-	1 OF 3	TX8111NL	A



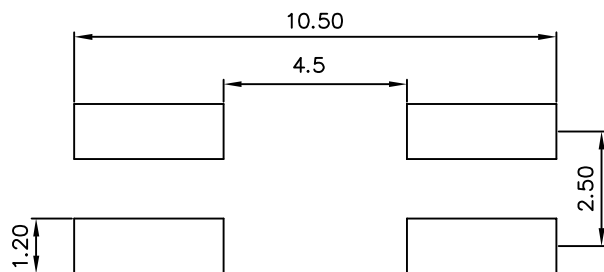
SCHEMATIC

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

PARAMETER	SPECIFICATION
OPERATING TEMPERATURE	-40°C TO +85°C
URNS RATIO @100KHz, 0.1VRMS	$\frac{(1-4)}{(2-3)} = 1.0 \pm 5\%$
OPEN CIRCUIT INDUCTANCE (OCL) @100KHz, 0.005VRMS	$(1-4) = 51\mu H \begin{smallmatrix} +50\% \\ -30\% \end{smallmatrix}$
LEAKAGE INDUCTANCE (LL): @100 KHz, 0.01 VRMS	$(1-4)$ WITH $(2-3)$ SHORTED = 2 μH NOMINAL = 3 μH MAXIMUM
DCR	$(1-4) = (2-3) = 0.2 \text{ OHM MAXIMUM.}$
HIPOT	500 VAC FOR 6 SECONDS

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CMI 2 x 51 μH - SHASTA	TX8111NL-11	-	2 OF 3	TX8111NL	A



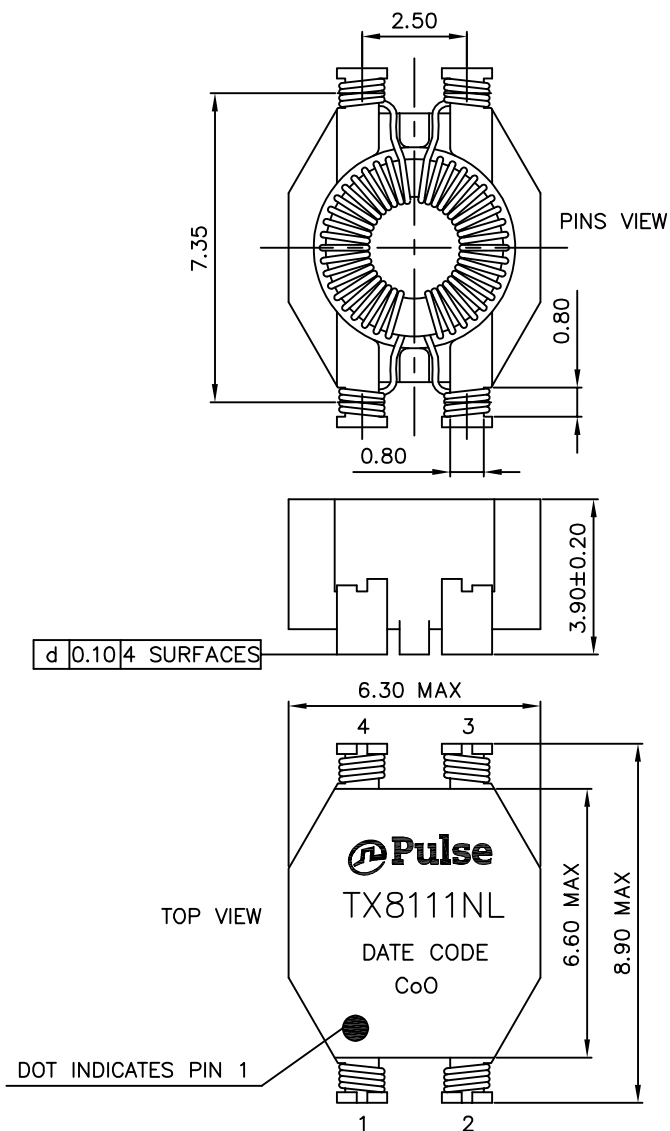
SUGGESTED PCB LAYOUT

DIMENSIONS ARE IN MILLIMETERS WITH THE FOLLOWING TOLERANCES:

X.X= ± 0.5

X.XX= ± 0.25

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PRODUCT DESCRIPTION

CMI 2 x 51 uH - SHASTA

TLA DRAWING

TX8111NL-11

PS DRAWING

-

SHEET

3 OF 3

PART NO.

TX8111NL

DATASHEET REV.

A