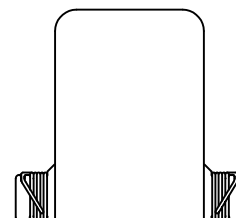
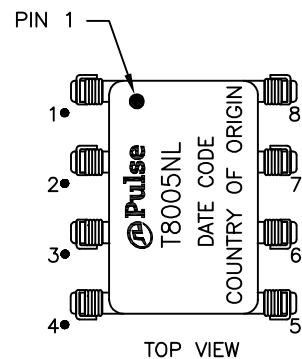


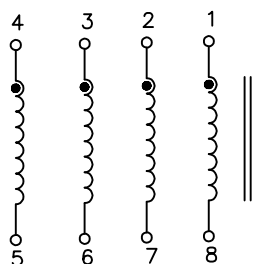
NOTES:

1. ROHS COMPLIANT
2. HEADER: THERMOSET PLASTIC 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 T8005NL BECOMES T8005NLT).



© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (12/10/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
INDUCTOR,CM,4.7MH,4W,SMT,SGL	T8005NL-10	-	1 OF 3	T8005NL	A



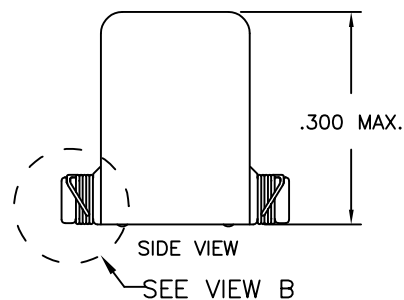
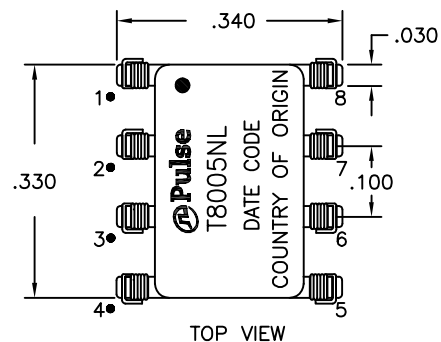
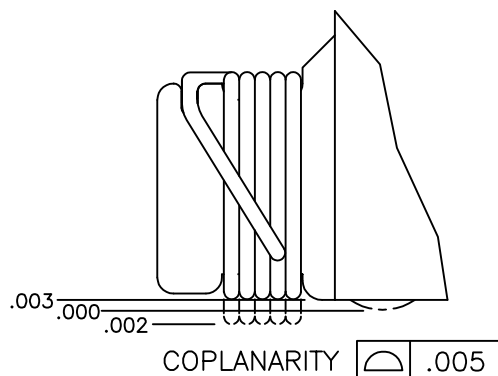
SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C TO +70°C
POLARITY	PER SCHEMATIC
TURNS RATIO @ 100 KHZ, 0.1 VRMS	$\frac{(1-8)}{(2-7)} = \frac{(2-7)}{(3-6)} = \frac{(3-6)}{(4-5)} = \frac{(4-5)}{(1-8)} = 1.0 \pm 5\%$
INDUCTANCE @ 100 KHZ, 20 mVRMS	$(1-8) = (2-7) = (3-6) = (4-5) = 3.055 \text{ mH MIN (10 mH MAX)}$
LL @ 100 KHZ, 20 mVRMS	$(1-8) \text{ WITH } (2,3,4,5,6,7) \text{ SHORTED} = 2.5\mu\text{H MAX}$
CWW @ 100 KHZ, 0.1 VRMS	$(1-8) \text{ TO } (2-7) = (1-8) \text{ TO } (3-6) = (1-8) \text{ TO } (4-5) = 75\text{pF MAX}$
COMMON MODE ATTENUATION	1.5MHz
	42 dB MIN
DCR	$(1-8) = (2-7) = (3-6) = (4-5) = 1.4 \text{ OHMS MAX}$
HIPOT	500 VRMS FOR 1 MINUTE

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (12/10/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
INDUCTOR,CM,4.7MH,4W,SMT,SGL	T8005NL-10	—	2 OF 3	T8005NL	A



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING
TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX= ± 0.01 [± 0.25]
.XXX= ± 0.005 [± 0.13]

© Copyright, 2014. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (12/10/14)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
INDUCTOR,CM,4.7MH,4W,SMT,SGL	T8005NL-10	-	3 OF 3	T8005NL	A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

T8005NLT