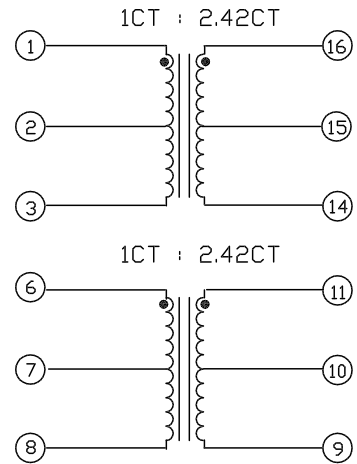


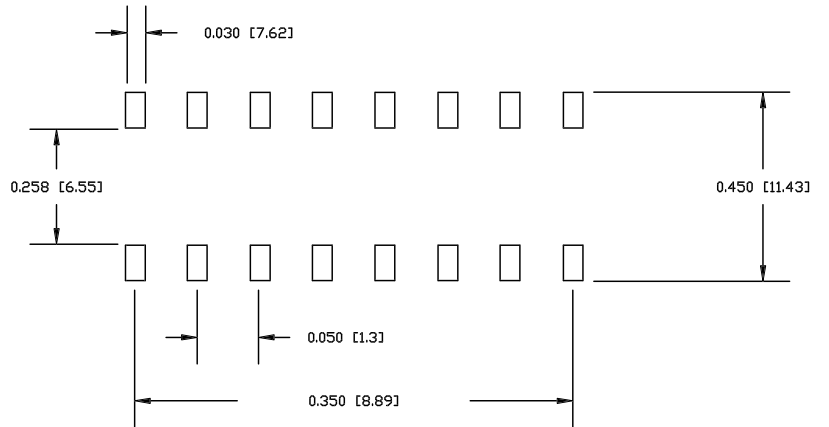
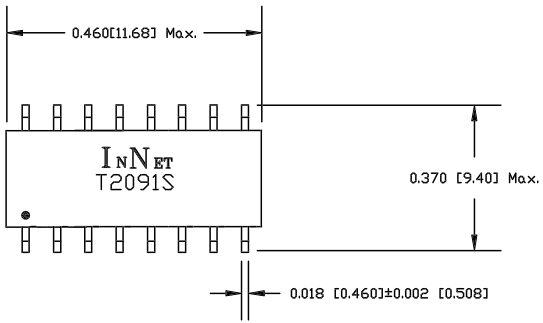
ELECTRICAL SPECIFICATIONS:

| | |
|---|------------------------------------|
| OPERATING TEMPERATURE RANGE: | : -40°C TO +85°C |
| 1.0 TURNS RATIO (1-2-3) : (16-15-14) | : 1CT : 2.42CT± 3% |
| (6-7-8) : (11-10-9) | : 1CT : 2.42CT± 3% |
| 2.0 INDUCTANCE (1-3) = (6-8) | : 1.2mH MIN. @ 0.01V, 10KHz, +25°C |
| | : 600uH MIN. @ 0.01V, 10KHz, -40°C |
| 3.0 LEAKAGE INDUCTANCE 1-3 (WITH 16, 15, AND 14 SHORT) | : 0.5uH MAX. @ 1MHz |
| 6-8 (WITH 11, 10, AND 9 SHORT) | : 0.5uH MAX. @ 1MHz |
| 4.0 INTERWINDING CAPACITANCE (1,2,3) TO (16,15,14) | : 25pf MAX @ 1MHz |
| (6,7,8) TO (11,10,9) | : 25pf MAX. @ 1MHz |
| 5.0 DC RESISTANCE | |
| (1-2)=(2-3)=(6-7)=(7-8) | : 0.35 ohms Max. |
| (16-15)=(15-14)=(11-10)=(10-9) | : 0.6 ohms Max. |
| 6.0 DIELECTRIC WITHSTAND (1,2,3) TO (16,15,14) | : 1500VAC for 60 seconds |
| (6,7,8) TO (11,10,9) | : 1500VAC for 60 seconds |
| 7.0 RETURN LOSS : (WINDING WITH TURNS RATIO 2.42 IS 100 OHM REF.) | |
| 51KHz TO 102KHz | : 12dB MIN |
| 102KHz TO 2.048MHz | : 18dB MIN |
| 2.048MHz TO 3.072MHz | : 14dB MIN |
| (17 OHM CONNECTED TO THE WINDING WITH TURNS RATIO 1) | |

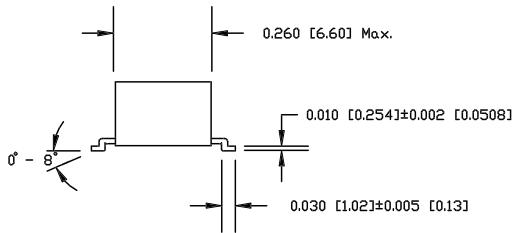
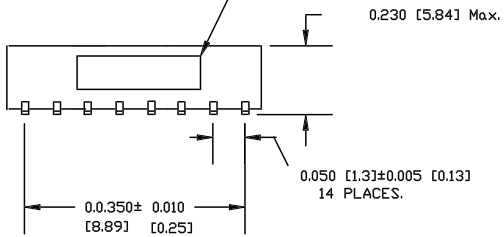


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|--|----------|--------------|--------------|
| In Net TECHNOLOGIES, Inc. | | | |
| <small>10635 Scripps Ranch Blvd. Suite F, San Diego, Ca. 92131</small> | | | |
| SIZE | FSCM NO. | DRAWING NO. | REV. |
| A | | T2091S | 02 |
| SCALE NONE | | RELEASE DATE | SHEET 2 OF 7 |

SUGGESTED PAD LAYOUT



DATE CODE & COUNTRY OF ORIGIN.



NOTES:

- 1.0 LEADS MEET THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202 METHOD 208.
- 2.0 COPLANARITY OF PINS IS .004 [0.102] MAX.
- 3.0 THE CASE IS UL 94 V-0 BLACK PLASTIC.

| | | | |
|---|--------------|--------------|------|
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| A | | T2091S | 02 |
| SCALE NONE | RELEASE DATE | SHEET 3 OF 7 | |