

# 10 BASE-T ISOLATION TRANSFORMER

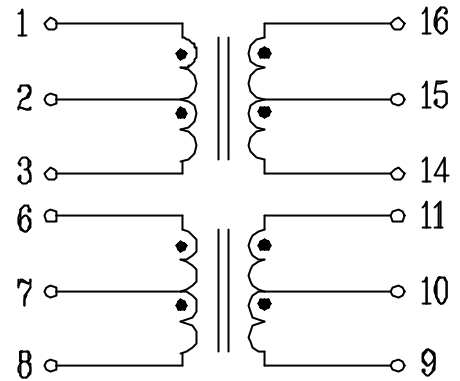
## P/N:TS7022A DATA SHEET

### A.GENERAL SPECIFICATIONS:

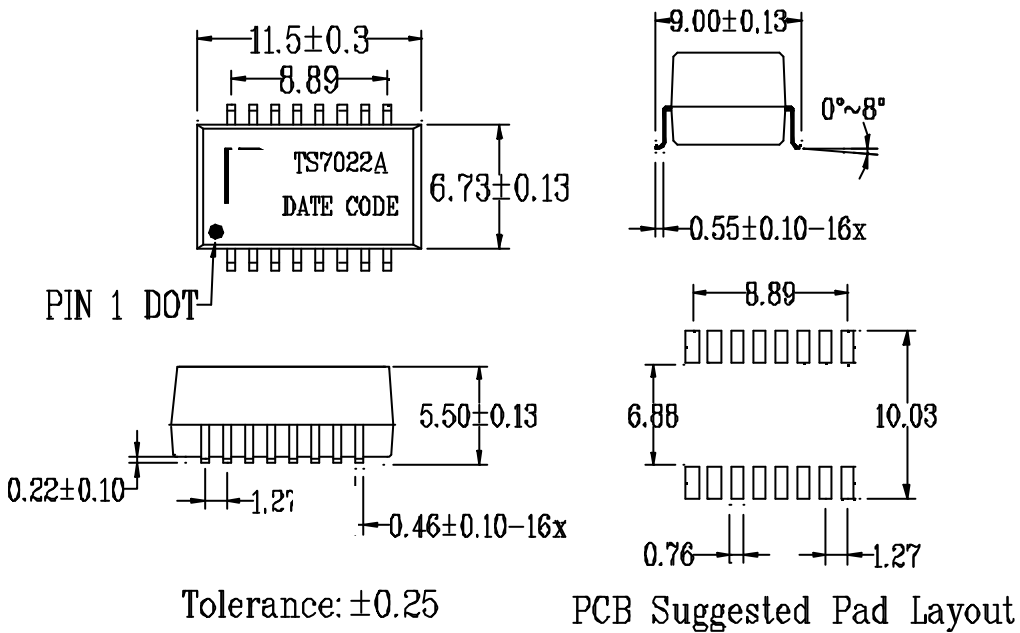
16 PIN SMD ISOLATION MODULES TO MEET THE ISOLATION AND IMPEDANCE MATCHING REQUIREMENT OF IEEE 802.3 FOR 10 BASE-T .

### B. ELECTRICAL SPECIFICATIONS : ( @ 25° C )

- 1.TURNS RATIO(±3%): 1CT:1CT(1-3:16-14) & 1CT:2CT(6-8:11-9)
- 2.PRI. OCL: 140 μH Min & 25 μH Min
- 3.PRI./SEC. Cw/w: 15 pF Max.
- 4.PRI. LEAKAGE INDUCTANCE : 0.4 μH Max
5. PRI. DCR : 0.3 O Max.
6. PRI./SEC. ISOLATION : 2000 Vms/0.5mA 1Sec.
7. PRIMARY PINS : 1-3, 6-8
8. INSULATION RESISTANCE : 10,000MO



### C.SCHEMATIC & DIMENSIONS & MARKING(UNIT mm) :



**UMEC Europe**

homepage: [www.umec.de](http://www.umec.de)

UMEC elektronische Komponenten GmbH  
 Kreuzenstraße 80 ● D-74076 Heilbronn  
 Tel. 07131/76170 ● Fax 07131/761720

e-mail: [info@umec.de](mailto:info@umec.de)