

# T1/E1/ISDN-PRI TRANSFORMER

## Features :

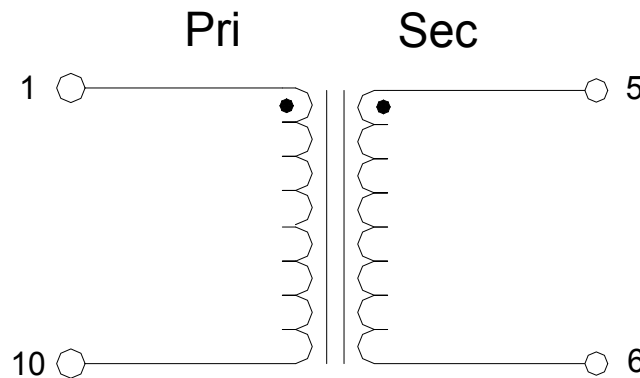
- 1) Compatibility with common transceiver IC's ensures maximum loop length
- 2) Complies with ANSI standard T1.601 when used with recommended chip
- 3) All materials approved to UL94V-0
- 4) fully RoHS compliant

## FWCMT1005SD

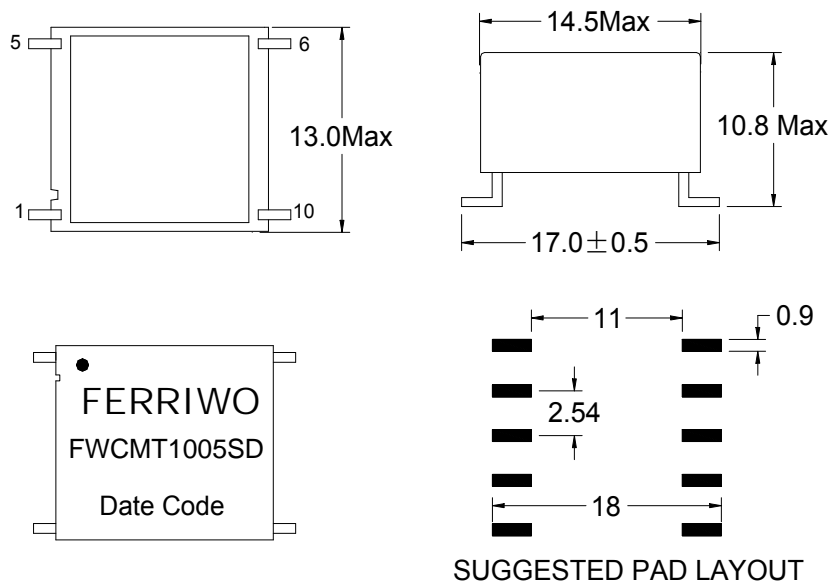
### A) Electrical Specifications @ 25°C --- Operating temperature -40°C To 85°C .

- |   |                             |
|---|-----------------------------|
| 1) Turns Ratio :                          | 3) D.C.Resistance :         |
| (1-10):(5-6) = 1:1±2% @ 10KHz 0.1V        | DCR(1-10) : 0.46 Ω Max.     |
| 2) Inductance :                           | DCR(5-6) : 0.46 Ω Max.      |
| Ls (1-10) : 10mH +50/-30% @ 10KHz , 0.05V | 4) Hi-Pot :                 |
| Ls (5-6) : 10mH +50/-30% @ 10KHz , 0.05V  | Pri to Sec: 500Vrms 2s 1Min |

### B) Schematics



### C) Mechanical Dimensions ( Unit: mm )



Unless otherwise specified, all tolerance are +/- .010/0.25