

# Common Mode Choke with case

## Features :

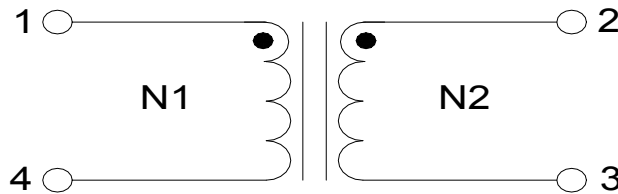
- 1) Family of 2-wire Common Mode Chokes
- 2) Low profile surface mount package
- 3) Cost effective construction with Pulse SLIC patented technology
- 4) Range suited for many DSL and telecom applications

## FWCMT-0423S

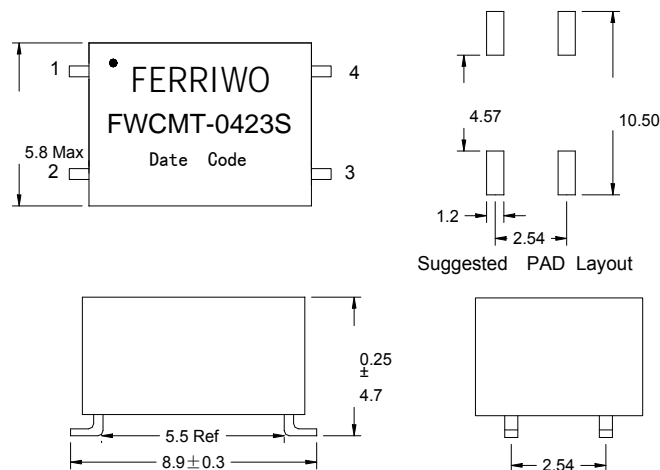
### A) Electrical Specifications @ 25°C --- Operating temperature -40°C To 85°C .

- |                                       |  |
|---------------------------------------|--|
| 1) TURNS RATIO :                      | 4) DCR :                               |
| ( 1 - 4 ) : ( 2 - 3 ) = 1 : 1 +/-3%   | ( 1 - 4 ) : 0.95 ohm max.              |
| 2) INDUCTANCE :                       | ( 2 - 3 ) : 0.95 ohm max.              |
| ( 1 - 4 ) : 6.5uH ±50%/.@ 10KHz 0.05V | 5) Current Rating:                     |
| ( 2 - 3 ) : 6.5uH ±50%/.@ 10KHz 0.05V | 400mA DC                               |
| 3) Leakage Inductance : (short 2-3)   | 6) Hi-POT:                             |
| ( 1-4 ) : 0.5µH Typ. @ 100KHz , 0.1V  | ( 1 - 4 ) to ( 2 - 3 ) : 500Vac,1mA/1S |

### B) Schematics



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



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