

# Common Mode Choke with case

## Features :

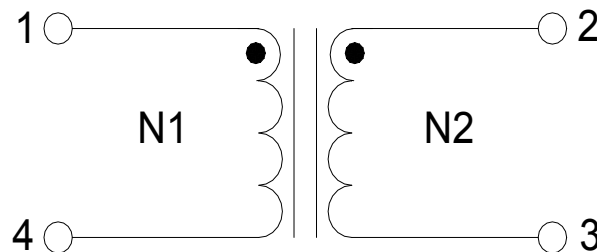
- 1) Family of 2-wire Common Mode Chokes
- 2) Low profile surface mount package
- 3) Cost effective construction with Pulse SLIC patented technology
- 4) Range suited for many DSL and telecom applications
- 5) Storage temperature range: -40°C ~ +125°C
- 6) Low profile surface mount packaging designed for Hi-Temp reflow process (260°C peak).

## FWCMT-0449S

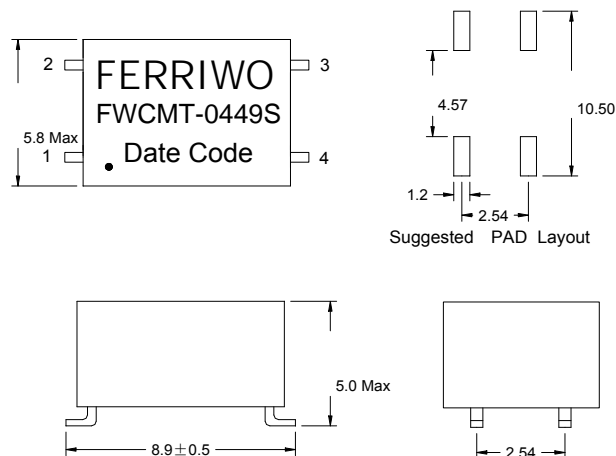
### A ) Electrical Specifications @ 25°C --- Operating temperature -40°C To 85°C .

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| <p>1 ) TURNS RATIO :</p> <p>( 1-4 ) : ( 2-3 ) = 1 : 1 +/-3%</p> <p>2 ) INDUCTANCE :</p> <p>( 1-4 ) : 4.7mH +50%/-30%.@ 100KHz 0.1V</p> <p>( 2-3 ) : 4.7mH +50%/-30%.@ 100KHz 0.1V</p> <p>3 ) Leakage Inductance : (short 2-3)</p> <p>( 1-4 ) : 0.5µH Typ. @ 100KHz , 0.1V</p> | <p>3 ) DCR :</p> <p>( 1-4 ) : 0.70 ohm max.</p> <p>( 2-3 ) : 0.70 ohm max.</p> <p>4 ) Current Rating:</p> <p>400mAdc</p> <p>6 ) Hi-POT:</p> <p>(1-4) to (2-3) : 500Vac,1mA/1S</p> |
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### B ) Schematics



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



Unless otherwise specified , all tolerances are +/- 0.25