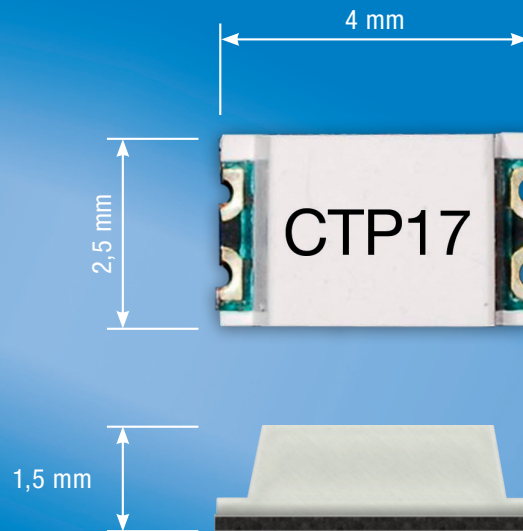


new  
**Ultra slim**  
1,5 mm height



## SLIM, SLIMMER, THE SLIMMEST – CTP17

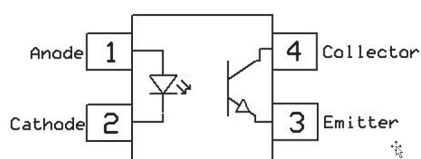
CT Micro, the IR specialist with more than 15 years of experience in the field of infrared technology, offers the latest photocopier in the world – the CTP17!

With a height of max. 1,5 mm, the CTP17 is the first step in miniaturizing photocouplers.

Using a FR4 based PCB and the Double Molded Coplanar (DMC-Isolator<sup>®</sup>) packaging technology, instead of the traditional lead-frame technology and „over-under“ construction, the new CTP product offers the best reliability and isolation performance in class.

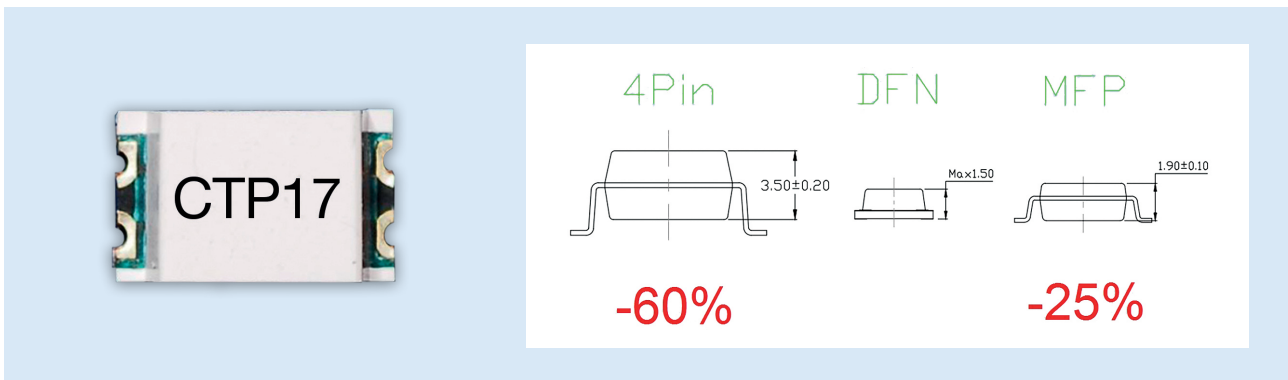
### Double Molded Coplanar (DMC-Isolator<sup>®</sup>) advantages are.

- Superior Isolation performance
- Consistent transfer characteristic performance over elevated temperature
- Fixed Internal Isolation gap (Thickness Through Insulation).



### Features

- Leadless ultra slim DFN package: 4 x 2,5 x 1,5 mm
- DMC<sup>™</sup> structure
- High isolation 2500 Vrms
- DC input with transistor output
- Operating temperature range -55 °C to 125 °C
- External creepage >2.8 mm
- Isolate distance >0.4 mm
- Halogen free, REACH and RoHS compliant
- UL - UL1577, VDE - EN60747-5-5, IEC60065, IEC60950 approval



## THE NEXT STEP!

Beside the one channel CTP17, CT Micro developed the slimmest four channel version – the CTP47. The CTP47 is an space optimized product if more channels are needed. and uses the same electrical parameter as the CTP17

