

# POWERLINE SIGNAL COUPLER

0557-7700-25

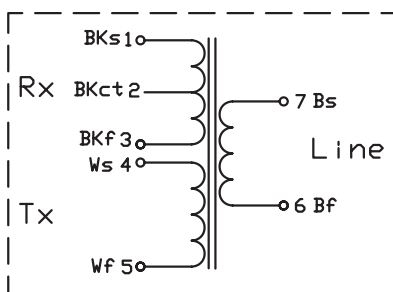
**bel**

## FEATURES

- Designed for use with Maxim MAX 2980 / 2986 chipset
- Provides reinforced isolation to meet safety standards for worldwide applications
- Flat top package for easy pick and place



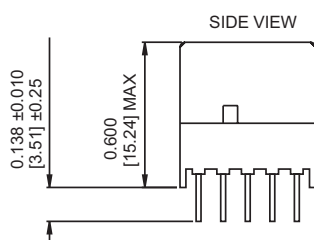
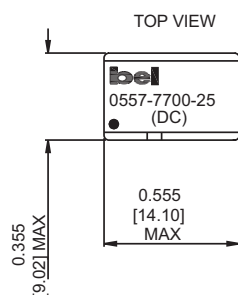
## SCHEMATIC



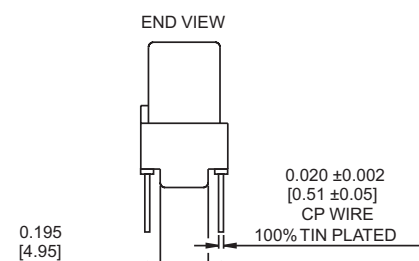
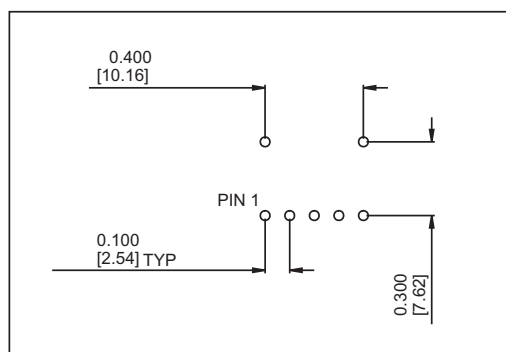
### ELECTRICAL CHARACTERISTICS (@25°C)

|                                 |              |
|---------------------------------|--------------|
| INDUCTANCE @ 500KHz 0.1V (1-3)  | - 20.0uH MIN |
| URNS RATIO - 1 + 3 : 4 + 5      | - 2 : 1 ±0.1 |
| URNS RATIO - 1 + 2 : 4 + 5      | - 1 : 1 ±0.1 |
| URNS RATIO - 1 + 3 : 6 + 7      | - 1 : 1 ±0.1 |
| HI-POT @ 60Hz 3mA 2 SEC 1+4 - 6 | - 4KV        |

## MECHANICAL



### RECOMMENDED PCB LAYOUT



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