

**ECM85** 

SURFACE MOUNT COMMON MODE FILTER FOR DC POWER

# DESCRIPTION

The TOKO ECM85 is a surface mount common mode choke coil designed for DC power line applications up to 5 Amps. The product is specifically designed for use between the DC-DC converter and external AC adapter in portable platforms such as notebook computers.





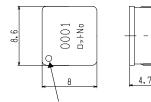
Top View

# **FEATURES**

- 8.6x8.0mm footprint
- 4.7mm maximum height
- Maximum DC Current: 5A
- Closed magnetic circuit structure

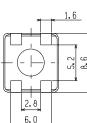
**ELECTRICAL CHARACTERISTICS** 

- Reflow solderable
- Packaged on 500 piece reels



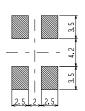
DIMENSIONS

Pin Marking (Pin #1)



Tolerance: ±0.3mm

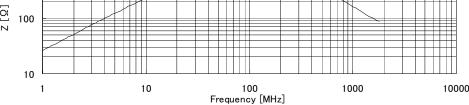
Units: mm



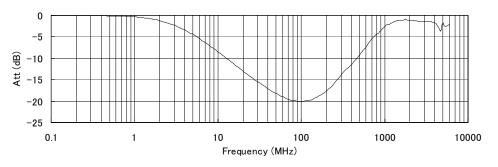
### Suggested Footprint

# **Common Mode Impedance** 1000 Z [Ω] 100

TOKO America. Inc.



## **Common Mode Attenuation**



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