Control Transformer
Class 2

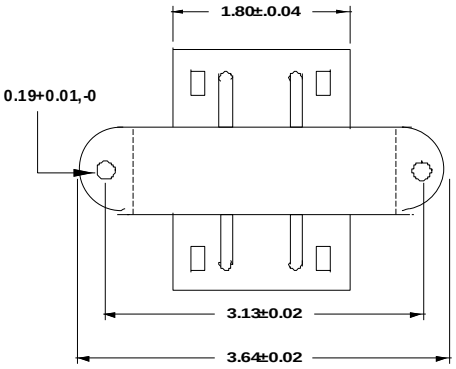
TCT40-08E07K



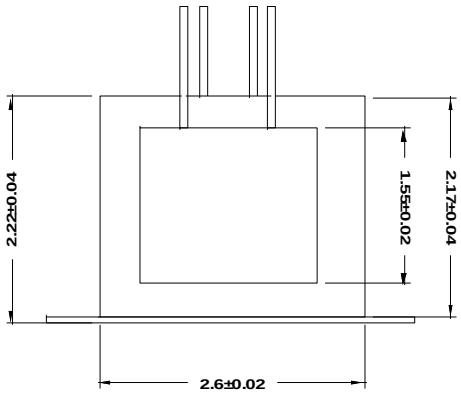
Description:
Triad control transformers come with tamper resistant shrouds for safety and a steel bracket welded to the bottom of the transformer for ease of mounting. These transformers are design and have the safety agency recognition for application where a Class 2 transformer is necessary. Some of the applications would include, but not limited to HVAC, Control boards, Lighting, etc.

Electrical Specifications (@25C):
1. Maximum Power: 40VA
2. *Input (BLK-WHT): 120V, 50/60 Hz, (**Fuse:** 0.600A Max)
   (BLK-RED): 240V, 50/60Hz, (**Fuse:** 0.200A Max)
3. Output (BLU-BLU): 12V @ 3.34Amps, (**Fuse:** 4.0A Max)
4. Voltage Regulation: 15% TYP @ full load to no load
5. Temperature Rise: <40°C TYP
6. Hipot: 1500VAC – Input to Output, Input & Output to Core
7. Recommended Fusing: UL Listed, 3AG time-delay type. Fuse can be use on primary or secondary.

* Only one input voltage to be applied to primary at any time.



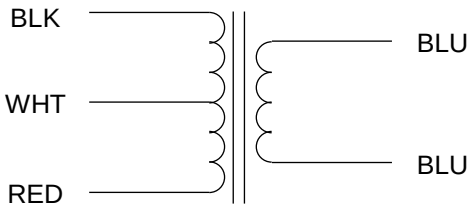
Construction:
Three flange bobbin construction with primaries and secondaries wound side by side for low capacitive coupling. Unit weight is 1.5lbs.

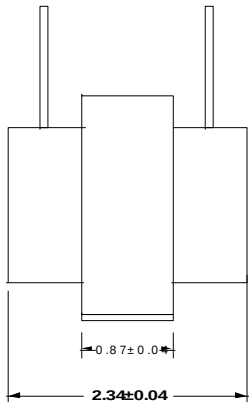


Agency File:
UL: File E65390, UL 5085-3 (1585), Class 2 Transformer
cUL: File E65390, UL 5085-3 (1585) For Canadian Use (CSA 22.2, No.66.3-06)

Connections:
Input: 12±1” insulated leads, stripped and tinned 0.20±0.08”, 18AWG stranded
Output: 12±1” insulated leads, stripped and tinned 0.20±0.08”, 18AWG stranded

Schematic:





RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

As of April 7, 2008, UL standards 506 and 1585 will be migrated to UL 5085-2 and 5085-3, respectively.

* Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics’ website for the most current version.

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