

# Transformer Toroidal

multicomp **PRO**



RoHS  
Compliant

## Specifications:

Input Voltage : 230V  $\pm$ 10% 50/60Hz.  
DC resistance : 22 $\Omega$   $\pm$ 15% @ 20°C  
Magnetising current : 6mA approx.@ 230V 50Hz

## Losses

Iron loss : 0.637 Watts approx.  
Copper loss : 8.23 Watts approx.  
Efficiency : 90% typical  
Temperature rise : 44°C approx.  
Ambient rated : 40°C

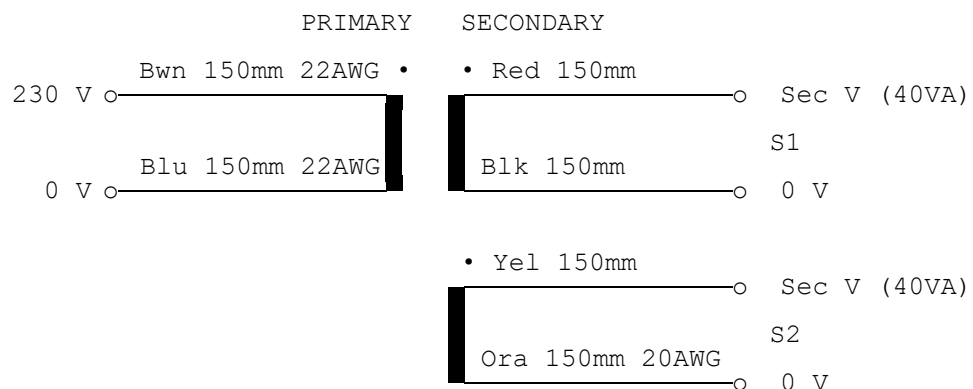
## Temperature Class

Winding wire : Class H (180°C)  
Insulation system : Class B (130°C)  
Leadout insulation : Class A (105°C)  
Overall : Class A (105°C)

## Dimensions of the actual parts

Outer Diameter : 96.9mm  
Height : 44mm  
Weight : 0.96kg

## Schematic



Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

multicomp **PRO**

# Transformer Toroidal

**multicomp** PRO

## Termination

All leads Tri-Rated UL1015 style cable rated 600V /105°C VW-1. Primary leads double insulated with PVC sleeving for a minimum of 20mm. Lead lengths  $\pm 5$ mm approx. All leads ends tinned to 6mm.

Pri/Sec leads 0°

## Part Number Table:

Description	On Load Sec V	Rated amps per Sec	Off load Sec V	Sec Flex Gauge	Sec Ohms @ 20°C.	Part Number
Transformer, 80VA, 2 × 9V	9	4.44	9.9	20AWG	0.13	MCFE080/09
Transformer, 80VA, 2 × 12V	12	3.33	13.3	20AWG	0.23	MCFE080/12
Transformer, 80VA, 2 × 18V	18	2.22	19.9	22AWG	0.55	MCFE080/18
Transformer, 80VA, 2 × 25V	25	1.6	27.6	22AWG	0.97	MCFE080/25

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO