

TRANS WINDING INFO

WEBENCH[®] Transformer Report

Design : 10 LM5023MMX-2/NOPB
LM5023MMX-2/NOPB 85V-265V to 24.00V @ 2.2A

#	Name	Value
1.	Core Part Number	B66423G0000X187
2.	Core Manufacturer	TDK
3.	Coil Former Part Number	B66424W1012D001
4.	Coil Former Manufacturer	TDK

Transformer Electrical Diagram

Primary

Turns	65.0
AWG	28.0
Layers	4.0
Strands	3.0
Insulation Type	Heavy Insulated Magnet Wire

Secondary

Turns	14.0
AWG	28.0
Layers	1.0
Strands	2.0
Insulation Type	Triple Insulated

Auxiliary

Turns	6.0
AWG	28.0
Layers	1.0
Strands	4.0
Insulation Type	Heavy Insulated Magnet Wire

PRI - FIRST 1-6
 AUX - 3-10
 SEC - 5-8
 PRI-SEC 6-2

Transformer Construction Diagram

Winding Instruction

Winding	AWG	Turns	Winding Orientation
Primary First 2/4.0	28.0	33	Clockwise <i>3x 160cm</i>
Auxiliary	28.0	6.0	Counter Clockwise <i>4x 40cm</i>
Triple Insulated Secondary	28.0	14.0	Counter Clockwise <i>2x 90cm</i>
Primary Second 2/4.0	28.0	32	Clockwise <i>3x 200cm</i>

01	12°
02	11°
03 TOP	10°
04 VIEW	9°
05	8°
06	7°

Transformer Parameters

#	Name	Value
1.	Lpri	4.8E-4H
2.	Inductance Factor(AI)	114.0nH
3.	Npri	65.0
4.	Nsec	14.0
5.	Naux	6.0

