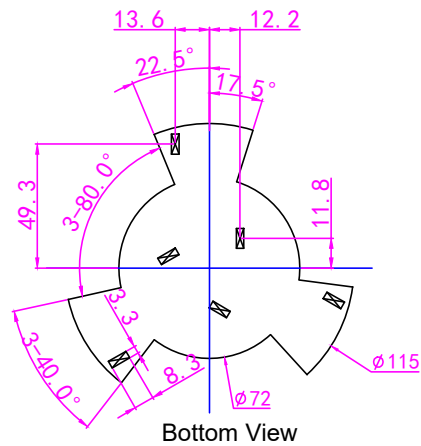
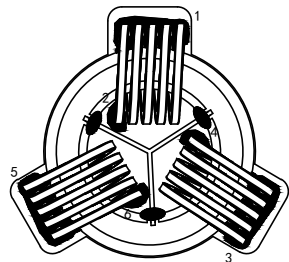
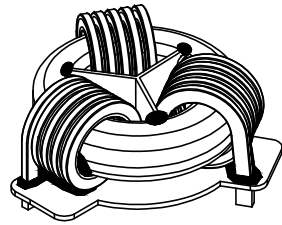
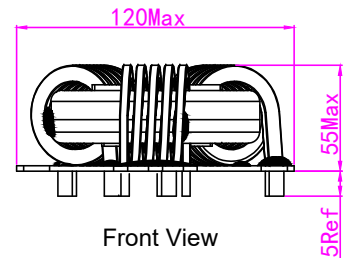


0.5mH 100A 3Phae Common Mode / FL34016R



REV	DESCRIPTION	DATE	APPROVED
00	First Release	2022-11-22	Musk
01	Add base dimension+ approximate weight	2022-11-23	Musk
02	Update DCR	2023-03-03	Musk

Outline Dimensions(Unit:mm)



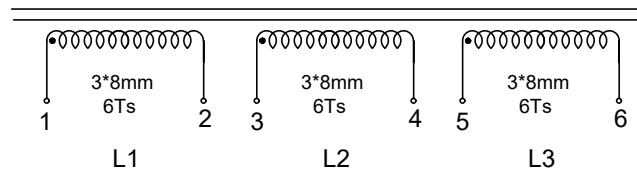
Electrical Characteristics:

No.	Item	Terminal	Technical Data	Test Condition & Instrument
1	Rated current	/	100A	Gwlnstek APS-7200/7300 HIOKI 3332 / FLUKE 106 @ 25°C
2	Frequency	/	32kHz	
3	Rated Inductance	1-2 3-4 5-6	500uH±30%	TH2832,10kHz 1V @ 25°C
4	D.C. Resistance	1-2 3-4 5-6	2.0 mΩ max	TH2516 @ 25°C
5	Turns Ratio	W1:W2:W3	6:6:6 ± 2%	TH2829A, 20kHz 0.3V @ 25°C
6	Hi-Pot	Wdg - Wdg	5mA max	TH9320, 2000VAC 50Hz 60S @ 25°C
		Wdg - Core		
7	IR	Wdg - Wdg	100MΩ min	TH9320, 500VDC, 60S @ 25°C
		Wdg - Core		
8	Approximate weight	About 0.82kg		

List of main material:

No.	Part name	Description	Supplier (or equivalent)	UL Number
1	Core	T80*48*20 R7K	DMEGC	N/A
2	Case	FR530/370	EIDUPONT DE NEMOURS & COINC	E41938
3	Copper Wire	SFT-AIW	WELL ASCENT ELECTRONIC (GANZHOU) CO LTD	E318511
4	Base	FR*	KINGBOARD LAMINATES HOLDINGS LTD	E123995
5	Epoxy	E-500	DONGGUAN EATTO ELECTRONIC MATERIAL CO LTD	E218090
6	Varnish	T-4260(a)	SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD	E228349

Electronical Schematic:



•Phase

Construction:

Constructed with UL rated 130°C (Class B) materials.

 Tolerances unless otherwise specified: (.X)±0.50 (.XX±0.25)	3 Phase Common Mode Choke	
	Powel P/N	FL34016R
	Customer P/N	