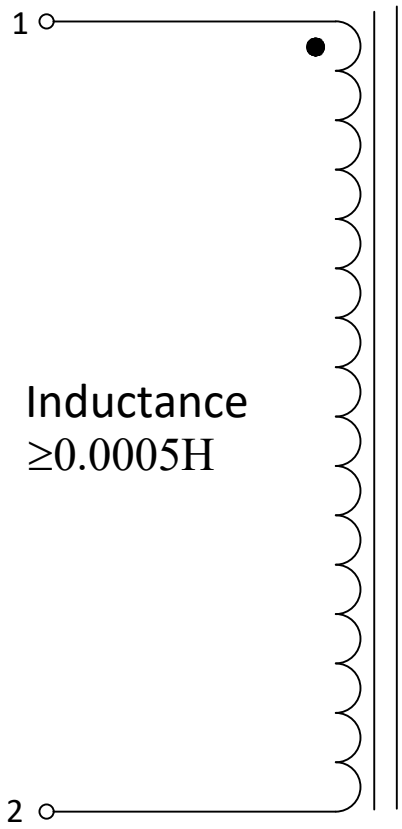
SCHEMATIC DIAGRAM

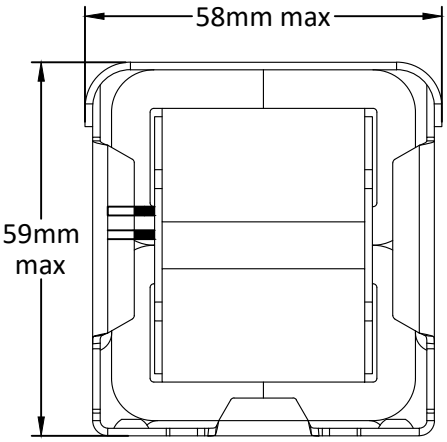


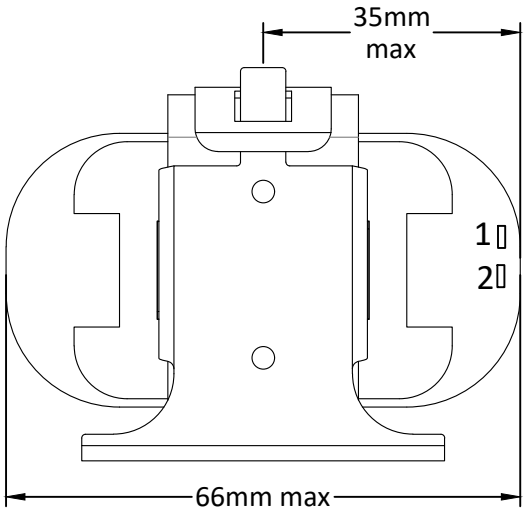
● Indicates the starting of Winding

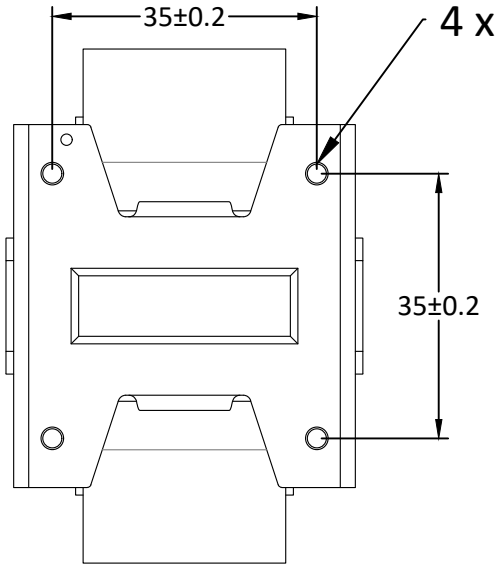
ROHS COMPLIANT

TITLE : Schematic Diagram					PART DESC		
					Power inductor		
					CUSTOMER PART NO	SVM PART CODE	
					-	98056	
					REV	DATE	SHEET
	A		12-07-2023	Initial Release	A	12-07-2023	1 of 3
CH LTR	ALT NO	SIGN	DATE	CHANGES		SCALE : NTS	
ALL DIMENSIONS ARE IN mm.				GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED		SIZE : A4	
svm CHENNAI					DRAWN	CHECKED	APPROVED
					-	-	-

MECHANICAL DIMENSION







ROHS COMPLIANT

TITLE : Mechanical Diagram					PART DESC		
					Power inductor		
					CUSTOMER PART NO	SVM PART CODE	
					-	98056	
					REV	DATE	SHEET
	A		12-07-2023	Initial Release	A	12-07-2023	2 of 3
CH LTR	ALT NO	SIGN	DATE	CHANGES		SCALE : NTS	
ALL DIMENSIONS ARE IN mm.				GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED		SIZE : A4	
svm CHENNAI					DRAWN	CHECKED	APPROVED
					-	-	-

ELECTRICAL SPECIFICATION

1.Inductance value	:≥0.0005H
2.Rated current	:16.5ADC
3.Limiting value of AC voltage	:0.25VAC,400Hz
4.Limiting value of frequency	:1000Hz
5.D.C resistance at 20°C	:0.017Ω±20%
6.Weight	:550gram
7.Dielectric strength between winding & body	:2000V,50Hz
8.Insulation resistance between body & winding	:≥1000MΩ at 500VDC
9.Temperature rise	:≤55°C
10.Part no	:L56.0.0005.16.5 (Equivalent to Russian inductor ЛI56.0.0005.16.5)

ENVIRONMENTAL TESTS :

The inductor will meet thermal & humidity requirements.

1.High operating temperature of medium	:85°±2°C
2.Low operating temperature of medium	:-60°C
3.Temperature variation of medium	:-60°C to +85°C
4.High relative humidity at temperature of medium 25°C	:98+0/-5%

ROHS COMPLIANT

TITLE : Electrical Specification					PART DESC: Power inductor		
					CUSTOMER PART NO: -	SVM PART CODE: 98056	
					REV: A	DATE: 12-07-2023	SHEET: 3 of 3
	A		12-07-2023	Initial Release			
CH LTR	ALT NO	SIGN	DATE	CHANGES		SCALE : NTS	
ALL DIMENSIONS ARE IN mm.				GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED		SIZE : A4	
svm CHENNAI					DRAWN: -	CHECKED: -	APPROVED: -