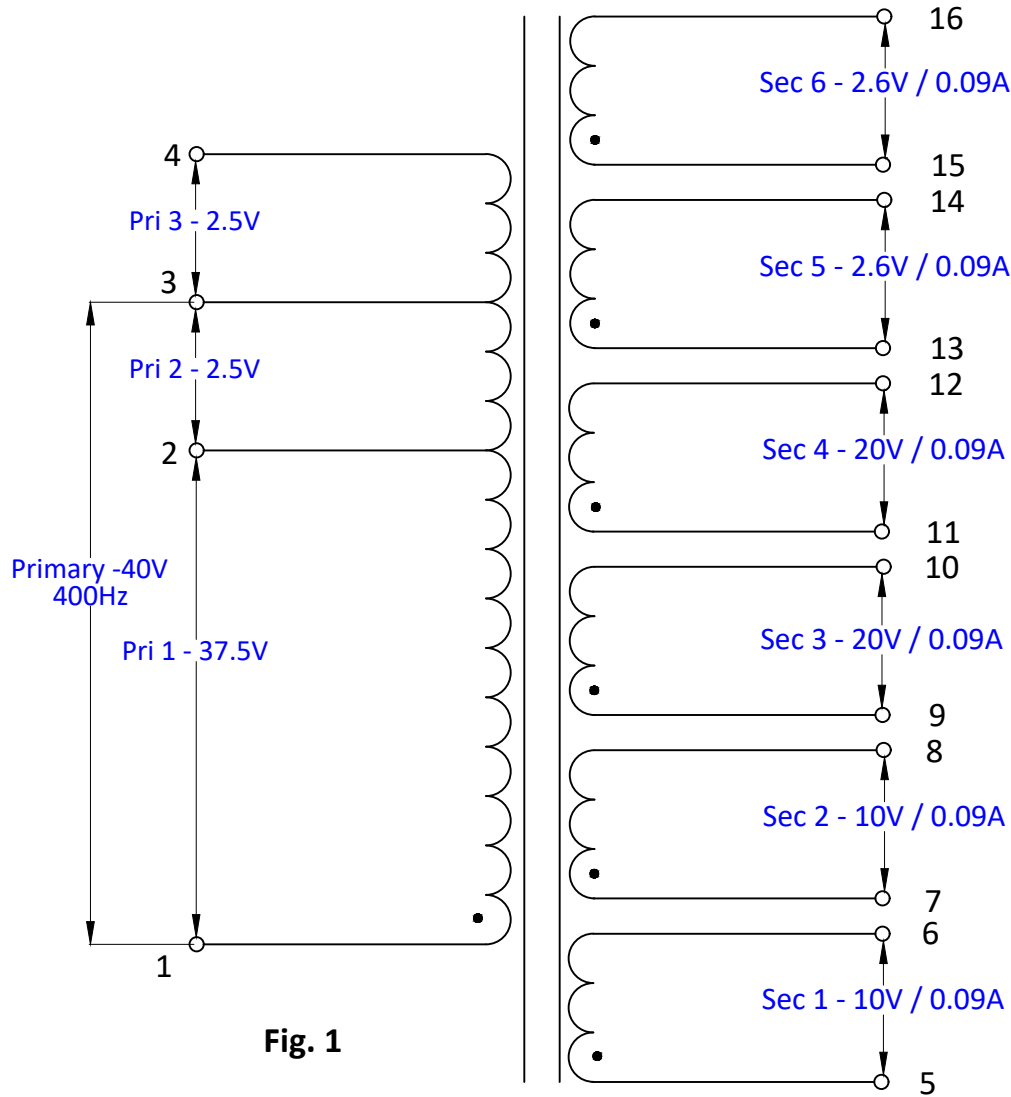


SCHEMATIC DIAGRAM



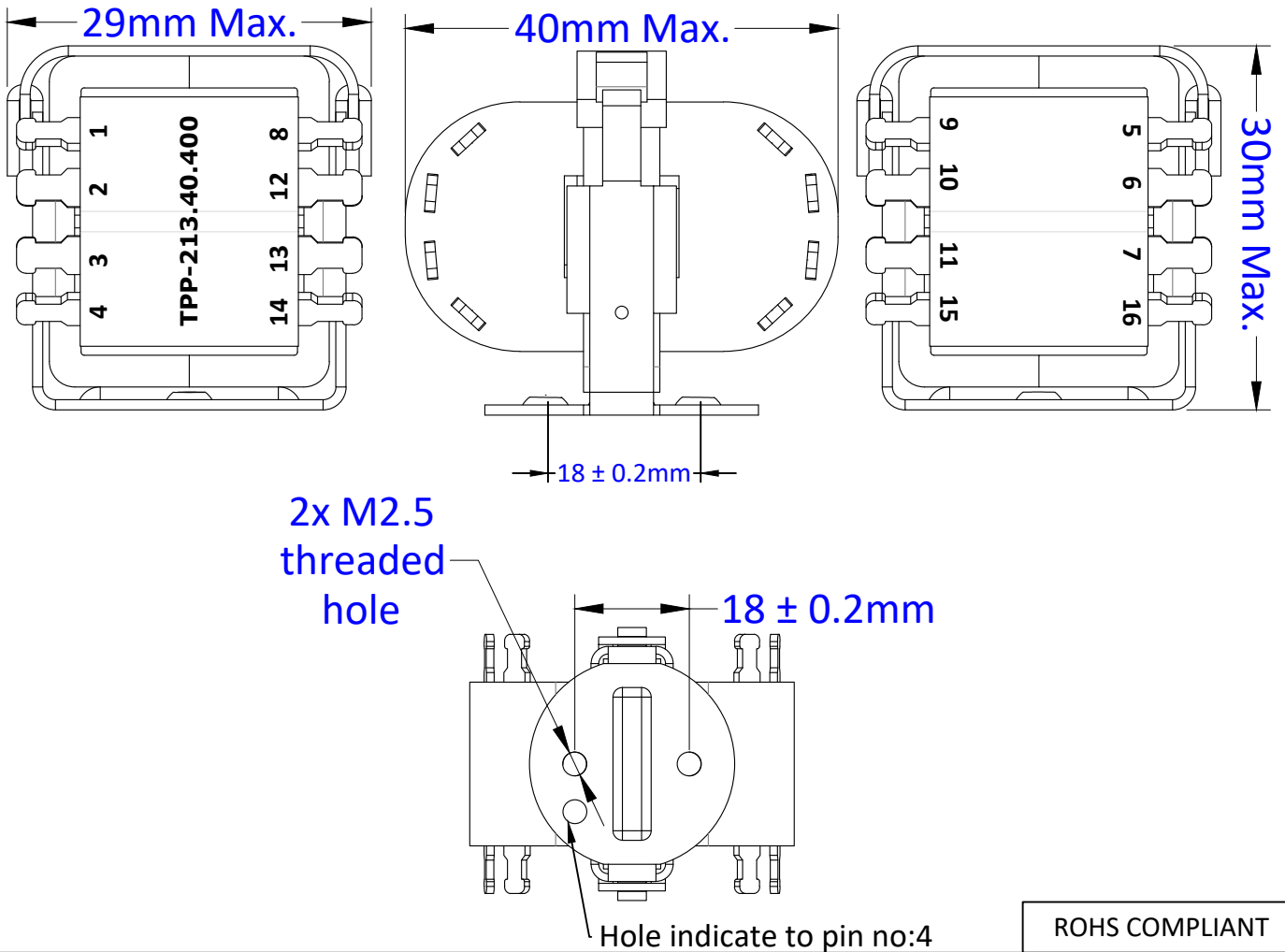
ROHS COMPLIANT

TITLE : Schematic Diagram				PART DESC		
				Transformer		
				CUSTOMER PART NO		SVM PART CODE
						98052
				REV	DATE	SHEET
				A	12-07-2023	1 of 3
CH LTR	ALT NO	SIGN	DATE	CHANGES		
	A		12-07-2023	Initial Release		
ALL DIMENSIONS ARE IN mm.			GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED			
						SCALE : NTS
						SIZE : A4
				DRAWN	CHECKED	APPROVED

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Deliveries to be only as per the approved sample. Any change in tool (making, replacement) and material only with prior approval.

MECHANICAL DIMENSION



ROHS COMPLIANT

TITLE : Mechanical Diagram				PART DESC		
				Transformer		
				CUSTOMER PART NO		SVM PART CODE
						98052
		A	12-07-2023	Initial Release		SHEET 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
				DRAWN		CHECKED
						APPROVED

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ELECTRICAL SPECIFICATION

1.Voltage given at the primary windings of the transformer

Mains rated voltage V. across terminals 1& 3	Voltage across			Tolerance %
	-	2-3	3-4	
40V at 400Hz	-	2.5V	2.5V	1% of mains Nominal voltage

2.Secondary winding voltage in open circuit condition

Open circuit current A (Max)	Secondary winding Voltage					
	Tolerance $\pm 3\%$			Tolerance $\pm 10\%$		
	5-6	7-8	9-10	11-12	13-14	15-16
0.21	11.3	11.3	22.4	22.4	3.02	3.02

3.Secondary voltage & current in rated load current

Primary current A (Max)	Secondary Voltage						Secondary windings Current (A)
	Tolerance $+10\%,-5\%$			Tolerance $+14\%,-10\%$			
	5-6	7-8	9-10	11-12	13-14	15-16	
0.28	10	10	20	20	2.6	2.6	0.09

1.Insulation resistance : Across windings As well as between body & Windings : $\geq 1000M\Omega$ at 500VDC

2.Insulation strength :

Primary winding to body :500V,50Hz
 Primary to secondary winding :500V,50Hz
 Secondary winding & Body :500V,50Hz
 Across the Secondary windings :500V,50Hz

3.Rated capacity VA :6VA(Nom), 8.5VA(Max)

4.Primary winding voltage across 1&3 :38V(Min), 42V(Max)

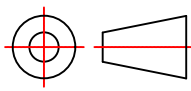

5.Main frequency Hz :380Hz (Min),1000Max

6.Temperature rise : $\leq 55^{\circ}C$

7.Part no :TPP.213.40.400

(Equivalent to Russian transformer TIII.213.40.400)

ROHS COMPLIANT

TITLE : Electrical Specification				PART DESC			
				Transformer			
				CUSTOMER PART NO		SVM PART CODE	
				-		98052	
	A		12-07-2023	REV	DATE	SHEET	
			Initial Release	A	12-07-2023	3 of 3	
CH LTR	ALT NO	SIGN	DATE	CHANGES			
							
ALL DIMENSIONS ARE IN mm.				GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED			
				DRAWN	CHECKED	APPROVED	

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ELECTRICAL SPECIFICATION

ENVIRONMENTAL TESTS :


The transformer will meet thermal & humidity requirements.

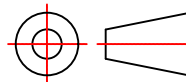
- | | |
|--|------------------|
| 1.High operating temperature of medium | :85°±2°C |
| 2.Low operating temperature of medium | : -60°C |
| 3.Temperature variation of medium | : -60°C to +85°C |
| 4.High relative humidity at temperature of medium 25°C | :98+0/-5% |
-

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ROHS COMPLIANT

TITLE : Electrical Specification				PART DESC Transformer		
				CUSTOMER PART NO		SVM PART CODE 98052
				REV A	DATE 12-07-2023	SHEET 3 of 3
CH LTR	ALT NO	SIGN	DATE	CHANGES		
	A		12-07-2023	Initial Release		
ALL DIMENSIONS ARE IN mm.				GENERAL TOLERANCE ± 0.05 mm UNLESS OTHERWISE SPECIFIED		
				DRAWN		CHECKED
						APPROVED



SCALE : NTS
SIZE : A4