

itacoil [®] web		DATASHEET		29/04/2021	REV	00
		EDITED		Davide Maida	APPROVED	Dario Radaelli
FINAL P/N	TBD	REV	00	SAMPLING CODE		
PRELIMINARY P/N	OP2104025			CUSTOMER P/N		
CUSTOMER	NETELSAN					

PRELIMINARY * PRELIMINARY * PRELIMINARY

DESCRIPTION	Flyback transformer					
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TEST/FEATURES						
Inductance Pri1+Pri2	315,0 μ H \pm 10,0%	10KHz / 1V				
Leakage Inductance Pri1+Pri2	4,73 μ H max	100KHz/1V short-circuit on Sec+Bias				
Dielectric Strenght	Pri1+Bias+Pri2 / Sec	3,0kVac / 2sec.				
Creepage & Clearance	Pri1+Bias+Pri2 / Sec	>6,4 mm				

WINDINGS						
Pri1	17ts - 2x0,50 - gr.2 155° (1UEW-F)	1 Ts PE ad.tape 0,06mm 130° yellow				
Bias	4ts - 2x0,50 - gr.2 155° (1UEW-F)	2 Ts PE ad.tape 0,06mm 130° yellow				
Sec	6ts - 2x25x0,20 - litz wire gr.1 155° (2UEW-F)	2 Ts PE ad.tape 0,06mm 130° yellow				
Pri2	16ts - 2x0,50 - gr.2 155° (1UEW-F)	2 Ts PE ad.tape 0,06mm 130° yellow				

LAYOUT (bottom view)	DRAWING

DIMENSIONS (mm)									
A	45,3 max	B	45,5 max	H	37,0 max	L	3,5 min	D	1,0 typ
X	5,0 typ	X1	35,0 typ	Y	30,4 typ				

COMPONENT	THERMAL CLASS	CERTIFICATIONS
Bobbin (T375HF (black))	150°C (B)	E59481
Copper Wire (UEWF (MW 79-C))	155°C (F)	E85640
Copper Wire (UEF1/U (MW79-C))	155°C (F)	E201757
Tape (P207F)	130°C (B)	E81174
Tube (CB-TT-L)	200°C (N)	E180908
Varnish (BC-346-A)	180°C (H)	E317427
Core N87 or equiv.	-	-

NOTES
RoHS compliant [Directives 2011/65/EU and 2015/863/EU] see https://www.itacoilweb.com/files/RoHS.pdf
REACH compliant [Regulation (EC)1907/2006] see https://www.itacoilweb.com/regulatory-compliance/

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General Technical Notes (foreign countries) - rev. 1.00 2020/11/11 https://www.itacoilweb.com/files/NTG_ENG_general_technical_notes.pdf

Note Tecniche Generali (Italia) - rev. 1.00 11/11/2020 https://www.itacoilweb.it/files/NTG_ITA_note_tecniche_generali.pdf

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1ST ITALIAN MANUFACTURER OF PCB TRANSFORMERS WITH ISO CERTIFIED QUALITY MANAGEMENT SYSTEM		
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