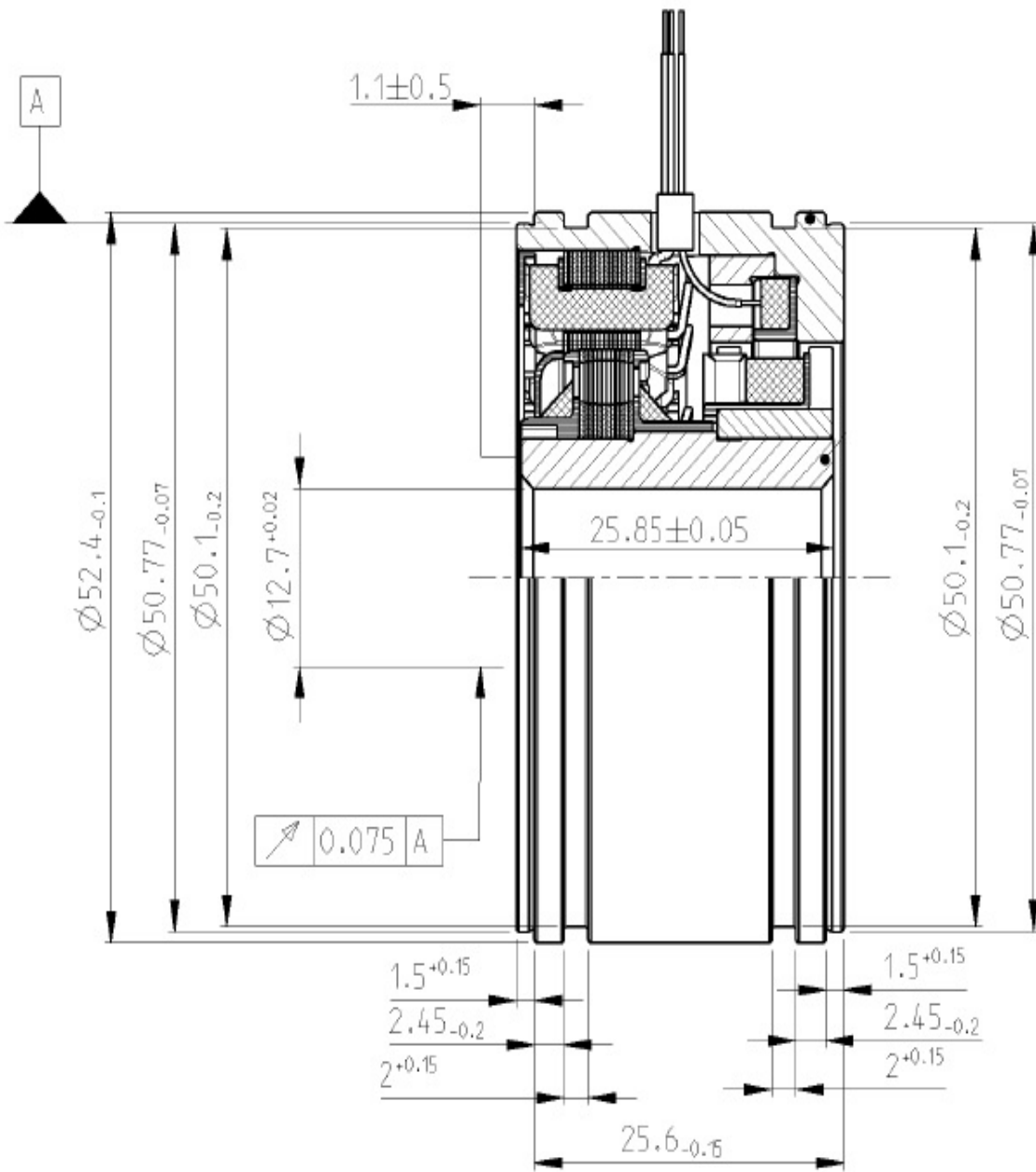




DATA SHEET - HOLLOW SHAFT RESOLVER

PN	6-1393048-1		
Description:	V23401	U1016-B110	
Size	21		
Shaft inner diameter [mm]	12,7		
Speed - pair of poles - [pp]	1		
Application Spec			
Test protocol	100% EOL testing, stored. Available up on request		
Electrical parameters (at 22°C):			
Input voltage nom. [V _{rms}]	4	possible 2V...20V	DC resistance R1R2 [Ω]
Frequency nom. [kHz]	5	pos, 2kHz...10kHz	R1R2 tolerance [±Ω]
Input current max [mA]	20	Based on nominal Input voltage and Frequency	DC resistance S1S3 or S2S4 [Ω]
Transformation ratio rT [±]	0,5		S1S3 or S2S4 tolerance [±Ω]
Transf. ratio tolerance [%]	5		
Phase shift min [°]	-7		
Phase shift max [°]	3		
Angular Error [±]	6		
Residual voltage max [mV]	15		
Connect. Wire Length [mm]	300, AWG 26 Teflon Isolated		
High Voltage test	Voltage: 500	$V_{AC} \pm 3\%$ (A)	Measured between: A: Winding R1-R2 and housing Winding S1-S3 and housing Winding S2-S4 and housing B: Windings S1-S3 and S2-S4
	250	$V_{AC} \pm 3\%$ (B)	
	Time: 1s		
Isolation test	Voltage: 500	$V_{DC} \pm 5\%$ (A, B)	B: Windings S1-S3 and S2-S4
	Criterion:	$R_{isol.} > 50M\ Ohm$	
"Zero" setting:	Ele. "0" is when Winding Us2-s4 = 0 and Us1-s3 are in phase with Ur1-r2		
Transformation function	Function applies to the clockwise rotation of the rotor when looking at the (grooveless) transformer component from the top		
	$U_{S1-S3} = + rT * U_{R1-R2} * \cos(pp * \varphi)$		
	$U_{S2-S4} = + rT * U_{R1-R2} * \sin(pp * \varphi)$		
Rotor Inertia	approx. 20 g/cm ²		
Max. Rotational Speed	20.000 rpm		
Shock resistance (11ms sine)	1.000 m/s ²		
Vibration (0 ... 2 kHz)	200 m/s ²		
Operating temp.	-55°C...+150°C		



DATE	PN REV.	DWN	APP	DS. REV
2015-06-25	A	P. Lerchenfeld	D. Ondrej	1
2017-04-26	A	P. Lerchenfeld	D. Ondrej	2

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)