	Ĩ	2 3	V 4			5		6			7	
	MOTOR SPECIFIC (TENTATIVE											
	MOTOR MODEL											
MOTOR MODEL S42D110A-XXXX CUSTOMER MODEL												
1. SCOPE												
THIS SPECIFICATION COVERS THE GENERAL												
REQUIREMENTS FOR THE STEP MOTOR THAT CONSISTS OF BIPOLAR WINDING STATOR AND HYBRID MAGNET ROTOR												
2. ELECTRICAL CHARACTERISTICS												
	ITEM	SPECIFICATION	DESCRIPTION	ITEM				CDECIEIC	ATION	DE	CCDIDTION	
	DUTY	CONTINUOUS		ITEM				SPECIFIC	AHUN	DE	SCRIPTION	
	DRIVE VOLTAGE	24 V D.C		OPERATI	ON AMBI	ENT TE	MPERATURE	0°C∼+50°				
	RATED CURRENT	1.0 A (PHASE)						0 0 130				
	STEP ANGLE	1.8°(DEG) FULL STEP		OPERATI	ON AMBI	ENT HU	MIDITY	20%RH ~	90%RH	NO	TE)9	
	NUMBER OF PHASE	2PHASE UNIPOLAR 2PHASE EXCITING		STORAGE AMBIENT TEMPERATURE							<u>'</u>	
	INSULATION CLASS(UL)	UL CLASS B (COIL)						0°C∼+50	°C			
	WINDING RESISTANCE	2.7Ω±10%	25°C	STORAGE AMBIENT HUMIDITY								
	WINDING INDUCTANCE	2.3mH±20%	NOTE)1				15%RH ~	15%RH ∼ 95%RH		TE)9		
	HOLDING TORQUE	0.23N⋅m(2.2kgf⋅cm) MIN.	NOTE)2									
	DETENT TORQUE	80mN·m(0.8Kgf·cm) REF.					PLEASE DO	N'T HOLD MO	T HOLD MOTOR BY LEAD WIRE		S NO OUTSIDE	
	MAX STARTING PULSE RATE	1300PPS MIN.	NOTE)3					THE EXIT OF L				
	POSITIONAL ACCURACY	±0.09°(DEG) MAX.	NOTE)4									
ŀ	DIELECTRIC STRENGTH	500V A.C 1MINUTE NO ABNORMAL	NOTE)5				PLEASE DON'T PLUG OR UNPLUG THE MOTOR CONNECTOR					
	INSULATION RESISTANCE	100 MΩ MIN.	NOTE)6				WHILE POWER ON					
L	TEMPERATURE RISE	80 K (80 DEG) MAX.	NOTE)7	<u> </u>								
	3. MECHANICAL CHARACTERISTICS							PLEASE DON'T DROP HURL AND DUMP MOTOR AGAINST HARD MATERIAL MALFUNCTION MAY NOT BE OBSERVED AT				
	ITEM	SPECIFICATION	DESCRIPTION	CAUTION AND			EARLY STAGE AFTER SUCH SHOCK BUT IT MAY BE FOUND LATER THIS TYPE OF MISHANDLING VOIDS OUR WARRANTY					
	MECHANICAL DEMENSION	ACCORDING TO SPECIFICATION Y-20-1223-0(PAGE3/3)				OM						
	SHAFT MATERIAL	SUS303		RECOMMENDATION			THE FUNCTION OR PERFORMANCE SHALL BE EVALUATED BY					
	BEARING	SINGLE ROW BALL BEARING						INSTALLING MOTOR TO APPLICATION THAT SHOULD BE				
	END BELL MATERIAL	ALUMINUM ALLOY							BUYER'S SIDE			
	MASS	APPROXIMATELY 380g										
	ROTOR INERTIA	33g·cm ² (33×10 ³ g·cm·s ²) APPROXIMATELY 33g·cm ² (33×10 ⁻³ g·cm·s ²)					PLEASE DON'T REUSE DISASSEMBLED MOTOR					
	4. ADDITIONAL				I			OUR CORPORATION WILL NOT BE RESPONSIBLE FOR ANY				
	ITEM	SPECIFICATION	DESCRIPTION				PATENT DISPUTE OR PROBLEM CAUSED BY ACTUAL APPLICATIONS					
	DIRECTION OF ROTATION	PHASE SEQUENCE TO PRODUCE CLOCKWISE ROTATION VIEWED FROM MOUNTING END IS AS TABLE 1					-		I			
	TYPE OF LEAD WIRE	UL 1430 CSA AWG 26		MATERIAL							S42D110A-XXXX	
	COLOR OF LEAD WIRE	ACCORDING TO TABLE 2		FINISH			'20-12-: SYM DATE		00 First version REVISIONS	Hu Jinping	NOTE	
	LIFE	5000 HOURS MIN.	NOTE)8	DRAWN	DESIGNED	CHECKE		KEVISION NO.		BY TR SPECIFICATI	NOTE THIRD ANGLI	
	MATERIALS OF MOTOR CONTAIN	I TEN SUBSTANCES Pb Cr(VI+) Cd Hg PBB PBDE DEHP BBP DE	P AND DIBP THOSE	Dongguan	Designed	CHECKED	D CHECKED	SCALE			PROJECTION	
	CONTENTS COMPLY WITH THE RO			Dongguan Kaifull	Dongguan Kaifull			1	DWG.NO.	Y-20-1223-0	⊕ €	



