MOTOR TYPE : 23KM-K249BT04CA

TITLE	SERIAL NO.	UNIT	INPUT SPEC	SPEC NO.	1	2	3			
MOTOR	Length	mm	42.0 MAX		41.12	41.06	40.99			
	Length	mm								
SHAFT	Length (F)	mm	14 $^{+0.5}_{-0.5}$	13.50 ~ 14.50	14.13	14.18	14.19			
	Diameter (F)	mm	6.35 $^{+0}_{-0.013}$	6.337 ~ 6.350	6.339	6.341	6.341			
	Length (R)	mm								
	Diameter (R)	mm								
	D Cut Length (F)	mm	11 $^{+0.25}_{-0.25}$	10.75 ~ 11.25	10.960	10.970	10.980			
	D Cut Measure (F)	mm	5.8 $^{+0.15}_{-0.15}$	5.650 ~ 5.950	5.801	5.804	5.810			
	D Cut Length (R)	mm								
	D Cut Measure (R)	mm								
	Hole Diameter	mm								
	Hole Position	mm								
	Run Out	mm								
	End Play (at N)	mm								
SCREW	☐ Hight	mm								
	☐ Depth	mm								
	Torque	mNm								
☑ FLANGE ☐ DAMPER	Pilot Diameter	mm	38.1 $^{+0.05}_{-0.05}$	38.05 ~ 38.15	38.08	38.08	38.08			
	Fixing Hole Center	mm								
	Spigot Concentric	mm								
	Spigot Perpendicular	mm								
	Spigot hight	mm								
	Plate Thickness	mm								
	Flange Length	mm								
GEAR / PULLEY	Hight	mm								
	Run Out	mm								
	Diameter	mm								
	Number of Tooth	Teeth								
	Insert Force	Kg								
	Pull out Force	Kg								
LEAD WIRE	Length	mm								
	Length	mm	300 MIN		306	306	306			
	Type / Size		UL1007/AWG#22		OK	OK	OK			
TUBE	Length / Size	mm								
CABLE TIE	Length	mm								
NAMEPLATE	Position Model		-		OK	OK	OK			
☑ CONNECTOR ☐ ☐☐☐☐☐☐ ☐ ☐☐☐ ☐☐☐ ☐ HEADER	☑ LEAD WIRE COLOR 1	A	RED		OK	OK	OK			
	2	B	BLU		OK	OK	OK			
	3	$\overline{A}$	YEL		OK	OK	OK			
	4	$\overline{B}$	ORG		OK	OK	OK			
	5									
	6									
	7									
	8									
DC RESISTANCE		Ω	2.4 $^{+0.24}_{-0.24}$	2.16 ~ 2.64	2.520	2.460	2.510			2.50
INDUCTANCE at 1 kHz 1 Vrms		mH	7.7 $^{+1.54}_{-1.54}$	6.16 ~ 9.24	8.440	7.760	7.730			7.98
HI - POT , INSULATION			600VAC, 100MΩ		OK	OK	OK			
DETENT TORQUE		gf-cm	204 REF		200	200	200			
		mNm	20 REF		19.62	19.62	19.62			19.6
HOLDING TORQUE	**1.4** A/PH	gf-cm	5,500 MIN		7,400	7,400	7,400			
	2 φ ON	mNm	539 MIN		725.9	725.9	725.9			
ROTATION DIRECTION			CW		OK	OK	OK			
STEP ACCURACY		1.8°	± 0.09° MAX		± - °	± - °	± - °	± - °	± - °	