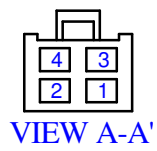


TYPE:MST233B12M3AA4.7BB

SPECIFICATION	
RATED VOLTAGE (VM)DC	2.4
AMPS/PHASE	4.7
RESISTANCE/PHASE RM (ohm@25°C)	0.5 ±10%
INDUCTANCE/PHASE mH @1KHz 1.0V	2.2 ±20%
STEP ANGLE (DEG)	1.8
STEP ACCURACY (NON-ACCUM)	±5%
HOLDING TORQUE (Kg-cm)	19
ROTOR INERTIA (g-cm <sup>2</sup> )	480
WEIGHT (g)	1000
INSULATION CLASS	B
TEMPERATURE RISE MAX.80°C	
INSULATION RESISTANCE 100m ohm @500VDC	
DIELECTRIC STRENGTH 500VAC FOR ONE MINUTE	
AMBIENT TEMPERATURE -20°C ~ +50°C	

CONNECTOR:MOLEX  
HSG:39-01-2040  
PIN:39-00-0038

- NOTES:  
1. END CAPS TO BE BLACK PAINTED.  
2. 0.3mm MAX AXIAL MOVEMENT@6kg



Type no. MST233B12M3AA4.7BB	Motor current 4.7A
Torque Hold/Run 1.86 N-m	
JVL Industri Elektronik A/S www.jvl.dk	

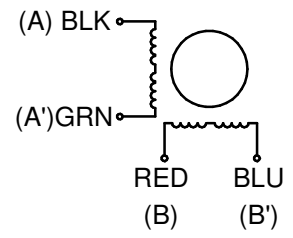
NAMEPLATE

FULL STEP 2 PHASE-Ex.,  
WHEN FACING MOUNTING END(X)

STEP	A	B	A'	B'	CCW
1	+	+	-	-	↑
2	-	+	+	-	↑
3	-	-	+	+	↓
4	+	-	-	+	↓

PIN NO.	COLOR
1	BLK
2	GRN
3	RED
4	BLU

WIRING DIAGRAM



SCALE FREE					APVD		SCALE 0.8:1	NAME	MST233B12M3AA4.7BB
X ±0.5					CHKD		UNIT mm	TITLE	
.X ±0.2					DRN				
.XX ±0.05					SINGNATURE	DATE			JVL Industri Elektronik A/S
ANGLE ±30'	REV	DESCRIPTION	DRN	DATE					