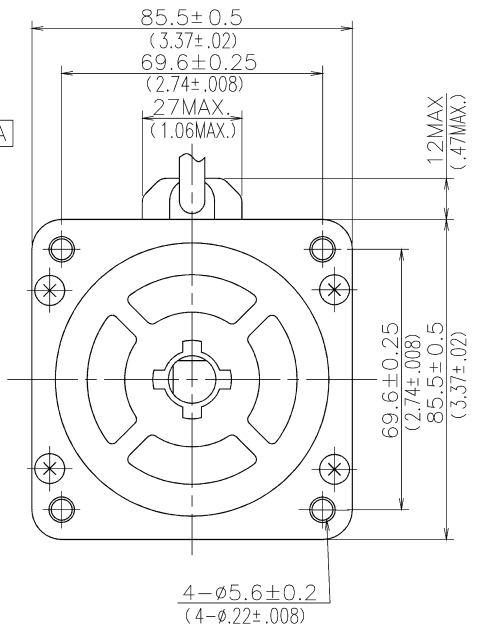
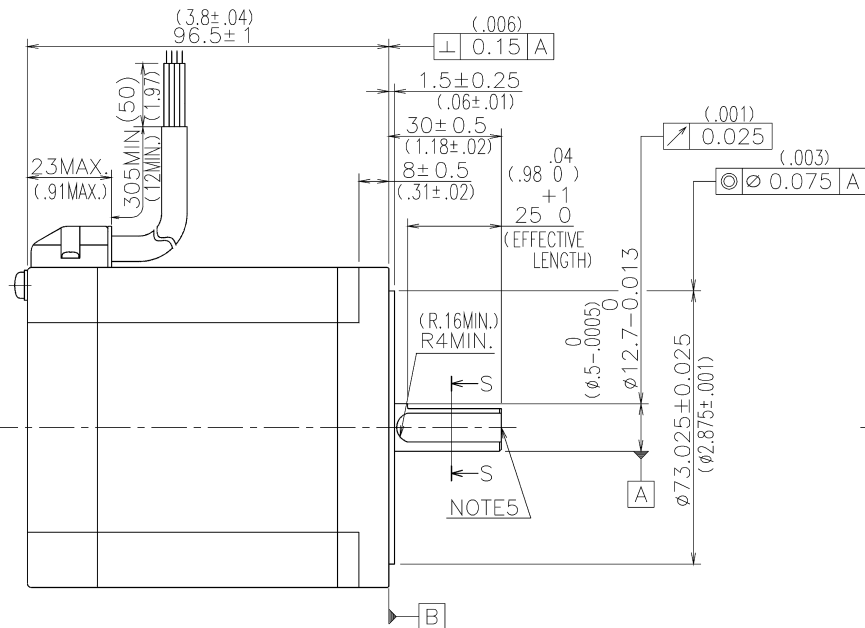
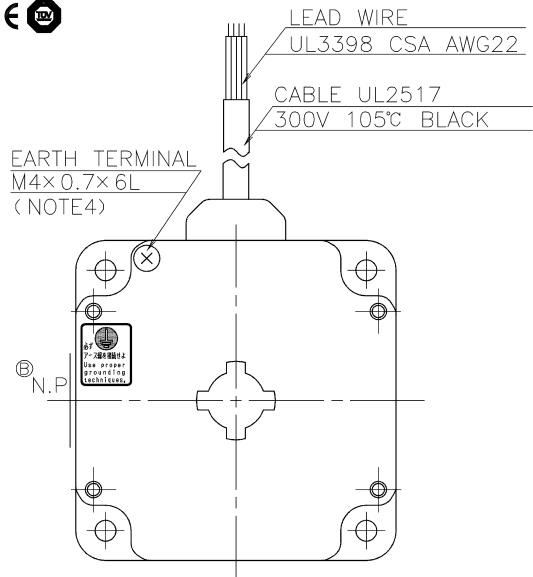


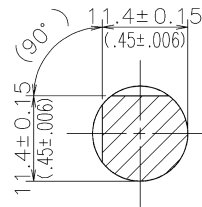
RoHS



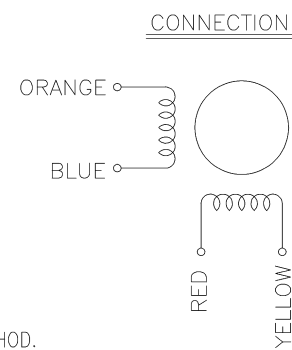
RATED CHARACTERISTICS (2Ex.)

NOTE1. POWER INPUT	250	V[AC] MAX.
PHASES	2	
FUNDAMENTAL STEP ANGLE	1.8	°
RATED VOLTAGE	3.32	V[DC]
AMPS	4	A/PHASE
WINDING RESISTANCE	0.83	Ω±10% at 25 °C
COIL INDUCTANCE	6.4	mH±20% at 1 kHz, 1 V[rms]
HOLDING TORQUE	6.4	N·m (906.3 oz·in) MIN. at I=4 A/PHASE 2EX.
NOTE2. PULL OUT TORQUE	4.7	N·m (665.6 oz·in) MIN. at 100 pulse/s
		INERTIAL LOAD 15.3×10 <sup>-4</sup> kg·m <sup>2</sup> (83.65 oz·in <sup>2</sup> ) (INERTIA OF RUBBER COUPLING IS INCLUDED.)
NOTE2. MAX. STARTING RATE	850	pulse/s MIN. at NO LOAD
NOTE2. MAX. SLEWING RATE	1500	pulse/s MIN. at NO LOAD
POSITIONAL ACCURACY	±0.09	° (0.18 ° SPREAD MAX.) 2EX.
NOTE3. COIL TEMPERATURE RISE	80	K MAX.
ROTOR INERTIA	3×10 <sup>-4</sup>	kg·m <sup>2</sup> (16.4 oz·in <sup>2</sup> ) NOMINAL
INSULATION CLASS	F	(CLASS=F AS FOR UL RECOGNITION)
ALLOWABLE THRUST LOAD	60	N
ALLOWABLE RADIAL LOAD	200	N LOAD TO SHAFT END.
IP RATING	IP40	EN60034-5

NOTE1. DRIVER INPUT VOLTAGE.  
 NOTE2. SANYO STANDARD 2PHASE EXCITATION DRIVE CIRCUIT WAS USED. (PMM-BA-4804) E=100V(AC).  
 NOTE3. MOUNT A MOTOR ON 200X200Xt6 (7.87x7.87x.t.24) ALUMINUM HEAT SINK AND ENERGIZE THE COIL AT 2 PHASE EXCITATION, I=4 A/PHASE CONSTANTLY. MEASURED BY THE CHANGE OF RESISTANCE METHOD.  
 NOTE4. TIGHTENING TORQUE OF THE SCREWS SHOULD BE 1±0.1 N·m (141.6±14.16 oz·in).  
 NOTE5. CENTER HOLE ON THE SHAFT END IS NOT ALWAYS MADE.



CROSS SECTION S-S



CONNECTION

DIRECTION OF ROTATION

WHEN A MOTOR IS SEQUENCED AS SHOWN IN THE TABLE BELOW, THE SHAFT ROTATION MUST BE CLOCKWISE WHEN YOU SEE FROM SURFACE [B] SIDE.

STEP	LEADS COLOR			
	RED	BLUE	YELLOW	ORANGE
1	⊖	⊖	⊕	⊕
2	⊕	⊖	⊖	⊕
3	⊕	⊕	⊖	⊖
4	⊖	⊕	⊕	⊖

APPROVED BY <i>K. Mori</i> 05-11		品目分類記号
単位 UNIT m m	審査 CHECKED BY A. Mori	名称 TITLE STEPPING MOTOR
B E0072970 05-11-29	尺度 SCALE 3-11-29	REV. 1
A NEW DESIGN 05-10-11	承認 BY MARI	
記号 REV. 認事 DESCRIPTION 日付 DATE	社名 DWG NO. SANYO DENKI CO., LTD.	品番 SM2862-5152 B

山洋電気株式会社  
SANYO DENKI CO., LTD.

