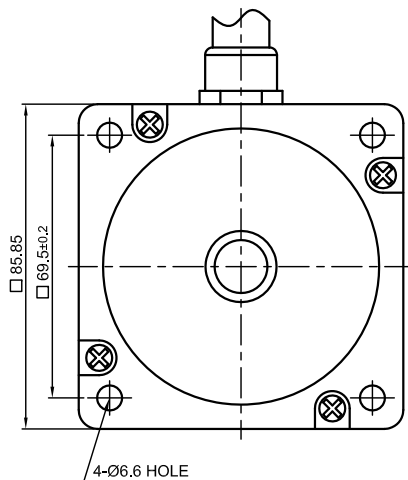
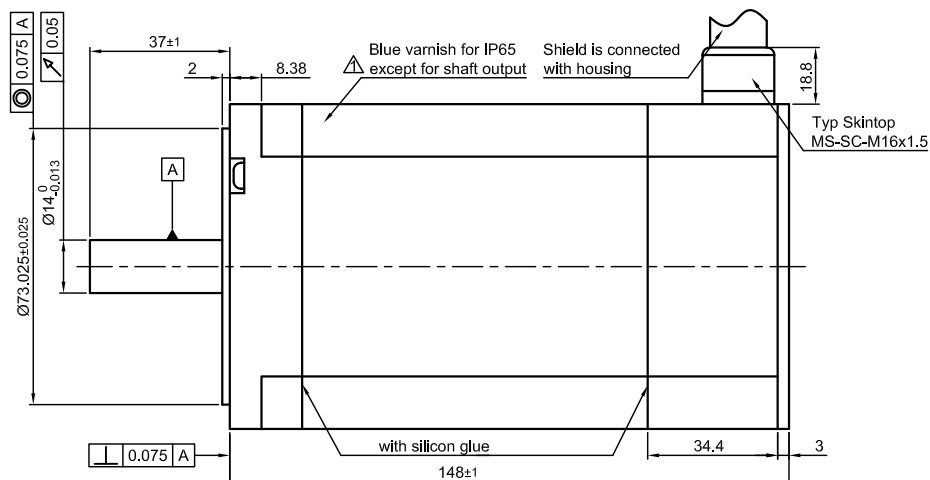


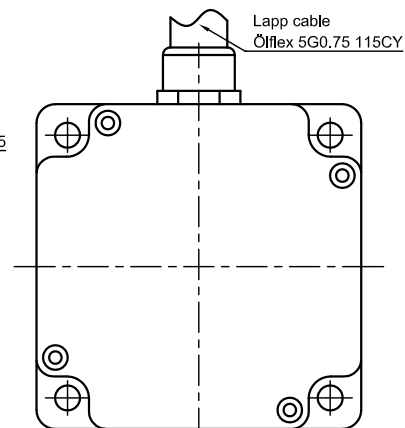
Front view and mounting



Side view



Rear view



CONNECTION		BIPOLAR PARALLEL	PERMISSIBLE RADIAL+AXIAL FORCE				M16 MOTOR													
SPECIFICATION							<table border="1"> <thead> <tr> <th>CABLE NO.</th> <th>ASSIGNMENT</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> </tr> <tr> <td>2</td> <td>A\</td> </tr> <tr> <td>3</td> <td>B</td> </tr> <tr> <td>4</td> <td>B\</td> </tr> <tr> <td>5</td> <td>HOUSING</td> </tr> </tbody> </table>		CABLE NO.	ASSIGNMENT	1	A	2	A\	3	B	4	B\	5	HOUSING
CABLE NO.	ASSIGNMENT																			
1	A																			
2	A\																			
3	B																			
4	B\																			
5	HOUSING																			
VOLTAGE (VDC)		2.18	AXIAL-FORCE F_a (N)		$F_a=65$															
AMPS/PHASE		9.5	DISTANCE a (mm)		5	10	15	20												
RESISTANCE/PHASE (Ohms)@25°C		0.23±15%	RADIAL-FORCE F_r (N)		535	355	256	200												
INDUCTANCE/PHASE (mH) @1KHz		2.7±20%					AXIAL	RADIAL												
HOLDING TORQUE (Nm) [lb-in]		9.33 [82.57]	SHAFT PLAY (mm)		0.075		0.025													
DETENT TORQUE (Nm) [lb-in]		0.2 [1.7]	AT LOAD MAX: (N)		10		5.0													
STEP ANGLE (°) ± STEP ACCURACY		1.8±5% (NON-ACCUM)																		
BACK-EMF (V) (300 U/min)		26																		
ROTOR INERTIA (Kg-m ²) [lb-in ²]		3.0x10 ⁻⁴ [1.025]																		
WEIGHT (Kg) [lb]		4.6 [10.14]																		
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)																				
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]																				
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)																				
INSULATION CLASS B 130° [266°F]																				
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)																				
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)																				
					SCALE FREE	APVD	S.H.	22.07.08	STEPPER MOTOR IN PROTECTION											
1	RESTRICTION SUP.+EMF+WEIGHT	02.03.10			J.W.	X ±0.5	CHKD													
REV	DESCRIPTION	DATE	APVD	AP8918L9504	1PL ±0.2	DRN	J.W.	22.07.08	DWG.NO											
					2PL ±0.1	SIGNATURE		DATE	AP8918L9504											
					ANGLE ±30'															