



## SPECIFICATION

Model	86SH96-5504A		
1	RATED VOLTAGE	V	2,56
2	CURRENT/PHASE	A	5,5
3	RESISTANCE/PHASE	Ω	0,465
4	INDUCTANCE/PHASE	mH	4,5
5	HOLDING TORQUE	Nm	7
6	ROTOR INERTIA	g-cm <sup>2</sup>	2700
7	DETENT TORQUE	Kg-cm	1,2
8	WEIGHT	Kg	2,8
9	NUMBER OF LEADS		4
10	LENGTH	mm	96

## CHARACTERISTICS

STEP ANGLE	1,8°
STEP ANGLE ACCURACY	± 5%
INSULATION CLASS	B
AMBIENT TEMPERATURE	-20°C +50°C
MAX TEMP. RISE (RATED CURRENT, 2 PHASE ON)	80°C
INSULATION RESISTANCE	100 Mohm min. 500 VDC
DIELECTRIC STRENGTH	750 VAC FOR ONE MINUTE
MAX SHAFT RADIAL PLAY (450 g LOAD)	0,02 mm
MAX SHAFT AXIAL PLAY (450 g LOAD)	0,08 mm
MAX RADIAL FORCE (20 mm FROM FRONT FLANGE)	220 N
MAX AXIAL FORCE	60 N

## CONNECTION

Pin N°	Color	Gauge	Function
1	RED	UL1061 AWG20	PHASE A
2	WHITE	UL1061 AWG20	PHASE A-
3	YELLOW	UL1061 AWG20	PHASE B
4	GREEN	UL1061 AWG20	PHASE B-



86SH96-5504A VM: 48V; 5,5A /Phase Driver: SMD 506

