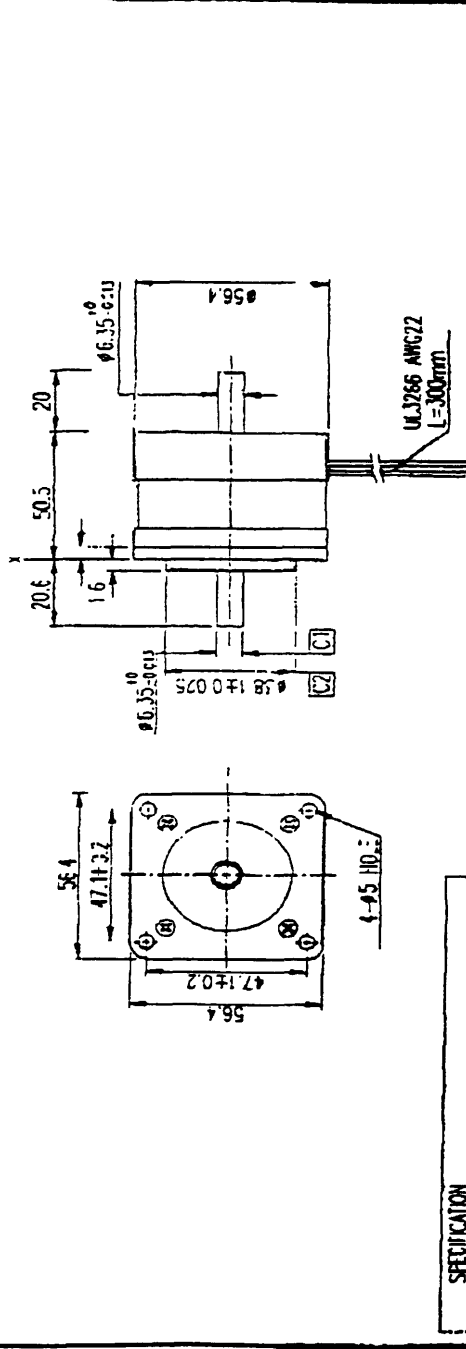


DIMENSION (UNIT : mm)



SPECIFICATION

RATED VOLTAGE (V)/50C	17
AMPS/PHASE	0.6
RESISTANCE /PHASE R_m (ohms) @25C	$20 \pm 10\%$
INDUCTANCE /PHASE mH @10KHz	$35 \pm 20\%$
STEP ANGLE (DEG)	1.8
STEP ACCURACY (NON-ACCUM)	$\pm 5\%$
HOLDING TORQUE (kg-cm) 80.6N/0.20-Er	5.5
ROTOR AREA (sq-cm)	110
WEIGHT (g)	500
TEMPERATURE RISE	MAX.80C
INSULATION RESISTANCE	100M ohm @500VDC
DIELECTRIC STRENGTH	500V/1 FOR ONE MINUTE
AMBIENT TEMPERATURE	-10C ~ +50C

RASTER VOLTAGE (volts)	12
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NOTES:

- [illegible]

FULL STEP 2 PHASE-EX, WHEN FACING MOUNTING END (X)	
STEP ACCURACY (NON-ACCUM)	±5%
HOLDING TORQUE (kg-cm)	80.64/9.20-EX. 5.5

ROTOR AREA (g-cm ²)	110						
WEIGHT (g)	500						
TEMPERATURE RISE	MAX 80°C						
INSULATION RESISTANCE	100M ohm @500VDC						
DIELECTRIC STRENGTH	500VAC FOR ONE MINUTE						

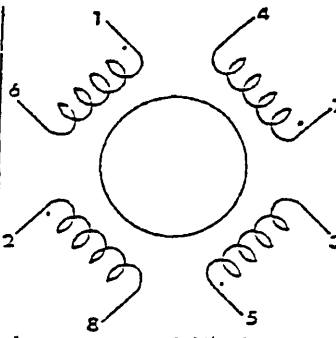
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ASTROSYN

TECHNICAL DATA

T180 CONNECTION DIAGRAM

DRIVE OUTPUTS & CONNECTION TYPE	 1 RED 5 BLACK/WHITE 2 GREEN 6 RED/WHITE 3 BLACK 7 YELLOW/WHITE 4 YELLOW 8 GREEN/WHITE	
UNIPOLAR	TERMINAL	COLOUR
Ø 1	1	RED
Ø 1	3	BLACK
Ø 1 Common	5 & 6	BLACK/WHITE & RED/WHITE
Ø 2	2	GREEN
Ø 2	4	YELLOW
Ø 2 Common	7 & 8	YELLOW/WHITE & GREEN/WHITE
BIPOLAR SERIES		
Ø 1	1	RED
Ø 1	3	BLACK
Ø 2	2	GREEN
Ø 2	4	YELLOW
Isolate - (LINK)	5 & 6	BLACK/WHITE & RED/WHITE
Isolate - (LINK)	7 & 8	YELLOW/WHITE & GREEN/WHITE
BIPOLAR PARALLEL		
Ø 1	1 & 5	RED & BLACK/WHITE
Ø 1	3 & 6	BLACK & RED/WHITE
Ø 2	2 & 7	GREEN & YELLOW/WHITE
Ø 2	4 & 8	YELLOW & GREEN/WHITE